

Granulocyte Colony Stimulating Factor Monoclonal Mouse Antibody (CSF3/900)



Product Description

This MAb recognizes granulocyte-colony stimulating factor (G-CSF) in the cytoplasm of mature granulocytes. It shows no reactivity with any other cell types. Markers of myeloid cells are useful in the identification of different levels of cellular differentiation. It reacts with early precursor and mature forms of myeloid cells. It is useful for the detection of myeloid leukemias and granulocytic sarcomas. It can be used as a marker of granulocytes in normal tissues or inflammatory processes.G-CSF is a pleiotropic cytokine that influences differentiation, proliferation and activation of the neutrophilic granulocyte lineage. The human G-CSF cDNA encodes a 207 amino acid precursor containing a 29 amino acid signal peptide that is proteolytically cleaved to form a 178 amino acid residue mature protein. Two G-CSF's, which are identical except for a three amino acid deletion in the amino-terminus of one form of the protein have been isolated from human cells. Murine and human G-CSF's share 73% sequence identity at the amino acid level

Primary antibodies are available purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. See the CF® Dye Brochure for more information. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Stock status: Because Biotium offers a large number of antibody and conjugation options, primary antibody conjugates may be made to order. Typical lead times are up to one week for CF® dye and biotin conjugates, and up to 2-3 weeks for fluorescent protein and enzyme conjugates. Please email order@biotium.com to inquire about stock status and lead times before placing your order.

Catalog number key for antibody number 0900, Anti-Granulocyte Colony Stimulating Factor (CSF3/900)

Product attributes Antibody number #0900 Antibody reactivity (target) Granulocyte Colony Stimulating Factor Antibody type Primary Host species Mouse Clonality Monoclonal Clone CSF3/900 Isotype IgG1 Molecular weight 19 kDa Synonyms Purpiopleith; Filgrastim; Lenograstim; CSF3OS; G-CSF; chromosome 17 open reading frame 33 (C17orf33); colony stimulating factor 3 (granulocyte) Human gene symbol CSF3 Entrez gene ID 1440 SwissProt P09919 Unigene 2233 Immunogen Human recombinant full-length CSF3 protein Verified antibody applications Secreted (extracellular) Sepcies reactivity Human, Macaque Antibody application notes Higher concentration may be required for direct detection with secondary antibody, Immunofluorescence: 1-2 ug/mL, Immunohistogy cormigatic 400 5-1 ug/mL, Istaining of formalin-fixed tissues requires boiling tissue sections in 0 mM cirate buffer 400-20 min followed by cooling at FT for 20 minutes, Flow Cytometry 0.5-1 ug/mILin cells/0.1 mL, Optimal difution for a specific application should be determined by user Postitive control HL60 cellis. Tonsi	Call us : <u>800-304-5357</u> Email: <u>techsupport@biotium.com</u>							
Antibody reactivity (target)Granulocyte Colony Stimulating FactorAntibody typePrimaryHost speciesMouseClonalityMonoclonalCloneCSF3900IsotypeIgG1Molecular weight19 kDaSynonymsPluripoietin: Filgrastim: Lenograstim: CSF30S; G-CSF; chromosome 17 open reading frame 33 (C17orf33); colony stimulating factor 3 (granulocyte)Huma gene symbolCSF3Entrez gene ID1440SvissProtP09919Unigene2233ImmunogenHuman recombinant full-length CSF3 proteinVerified antibody applicationsSecreted (extracellular)Species reactivityHuman, MacaqueAntibody application notesPilipher concentration may be required for direct detection using secondary antibody, immunofluorescence: 1-2 ug/mL, Immunofistology formalin-fileed 0-5 1 ug/mL, Stanign of tormalin-fileed tissues requires boiling lissue sections in 10 mM crited trissue sections in 20 MT cominutes, Flow Cytometry 0.5-1 ug/mL, Istaning of tormalin-fileed tissues requires boiling lissue sections in 10 mM crited brief primary antibody conjugates than for indirect detection using secondary antibody, Immunofluorescence: 1-2 ug/mL, Immunofilation for a specific application should be determined by userPositive controlHL60 cells. Tonsil or lymph nodeShipping conditionRoom temperatureStorage ConditionsStore at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -1 to -3 °CShipping conditionRoom temperatureRegulatory statusFor research use only (RUO) <th>Product attributes</th> <th></th>	Product attributes							
Antibody type Primary Host species Mouse Clonality Monoclonal Clone CSF3/900 isotype IgG1 Molecular weight 19 kDa Synonyms Pluripoietin; Filgrastim; Lenograstim; CSF30S; G-CSF; chromosome 17 open reading frame 33 (C17orf33); colony stimulating factor 3 (granulocyte) Human gene symbol CSF3 Entrez gene ID 1440 SwissProt P09919 Unigene 2233 Immunogen Human recombinant full-length CSF3 protein Verified antibody applications Secreted (extracellular) Species reactivity Human, Macaque Antibody target cellular tocalization Secreted (extracellular) Species reactivity Human, Macaque Antibody application notes Higher concentration may be required for direct detection usin grimary antibody conjugates than for indirect detection with secondary antibody, immunofluorescence: 1-2 ug/mL, Immunofistogy formalin-Fixed 15-1 ug/mL, Stainig of formalin-fixed tissues requires boiling tissue sections in 10 mM eitrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mL, Stainig of formaler. Flow Cytometry 0.5-1 ug/mL, Stainig of formaler. Flow Cytometry 0.5-1 ug/mL, Stainig of formaler. Flow Cytometry 0.5-1 ug/mL, Stainig of formalet. Flow Cytometry 0.5-1 ug/mL, Stainig of fo	Antibody number	#0900						
Host speciesMouseClonalityMonoclonalCloneCSF3/900isotypeIgG1Molecular weight19 kDaSynonymsPluripoletin; Filgrastim; Lenograstim; CSF3OS; G-CSF; chromosome I7 open reading frame 33 (C17orf33); colony stimulating factor 3 (granulocyte)Human gene symbolCSF3Entrez gene ID1440SwissProtP09919Unigene2233ImmunogenHuman recombinant full-length CSF3 proteinVerified antibody applicationsHC (FFPE) (verified)Species reactivityHuman, MacaqueAntibody target cellular tocalizationSecreted (extracellular)Species reactivityHuman, MacaqueAntibody application notesHigher concentration may be required for direct detection using primary antibody conjugates than for indirect detection using conjugates than for indirect detection using optimation fuller, pH 60, for 10-20 min followed by cooling at RT for 20 minutes, Flow Cytometry 0.5-1 ug/million cells0.11 mL, Optimal illuiton for a specific application should be determined by userPositive controlHL60 cells. Tonsil or lymph nodeShipping conditionsStore at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °CShipling conditionFor research use only (RUO)Antibody research areasCytokines, ImmunologyProduct originConjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% aside, Purified, DSA free: 1 mg/mL in PBS/0.05% BSA/0.05% aside, Purified, DSA free: 1 mg/mL in PBS/0.05% BSA/0.05% aside, Purified NSA free: 1 mg/mL in PBS/0.1% BSA/0.05% aside,	Antibody reactivity (target)	Granulocyte Colony Stimulating Factor						
ClonalityMonoclonalCloneCSF3/900IsotypeIgG1Molecular weight19 kDaSynonymsPluripoletin; Filgrastim; Lenograstim; CSF30S; G-CSF; chromosome 17 open reading frame 33 (C17orf33); colony stimulating factor 3 (granulocyte)Human gene symbolCSF3Entrez gene ID1440SwissProtP09919Unigene2233ImmunogenHuman recombinant full-length CSF3 proteinVerified antibody applicationsHC (FFPE) (verified)Antibody target cellular 	Antibody type							
CloneCSF3900isotypeIgG1Molecular weight19 kDaSynonymsPluripoietin; Filgrastim; Lenograstim; CSF30S; G-CSF; chromosome 17 open reading frame 33 (G17orf33); colony stimulating factor 3 (granulocyte)Human gene symbolCSF3Entrez gene ID1440SwissProtP09919Unigene2233ImmunogenHuman recombinant full-length CSF3 proteinVerified antibody applicationsHC (FFPE) (verified)Antibody target cellular tocalizationSecreted (extracellular)Species reactivityHuman, MacaqueAntibody application notesHigher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody. Immunofluorescence: 1-2 ug/mL, Immunofistogy formalin-fixed 0-2 min tollowed by cooling at RT for 20 minules, Flow Cytometry 0.5-1 ug/mL, Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, tor 10-20 min tollowed by cooling at RT for 20 minules, Flow Cytometry 0.5-1 ug/mL, Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, tor 10-20 min tollowed by cooling at RT for 20 minules, Flow Cytometry 0.5-1 ug/mL, Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, tor 10-20 min tollowed by cooling at RT for 20 minules, Flow Cytometry 0.5-1 ug/mL, in PBS/0.1%, BS/N0.05%, azide, HRP conjugates co.1 mg/mL in PBS/0.1%, BS/N0.05%, azide, HRP conjugates: 0.1 mg/mL in PBS/0.05%, BSA, Purified; 0.2 mg/mL, in PBS/0.05%	Host species	Mouse						
Isotype IgG1 Molecular weight 19 kDa Synonyms Plurjoletin; Filgrastim; Lenograstim; CSF3OS; G-CSF; chromosome 17 open reading frame 33 (C17orf33); colony stimulating factor 3 (granulocyte) Human gene symbol CSF3 Entrez gene ID 1440 SwissProt P0919 Unigene 2233 Immunogen Human recombinant full-length CSF3 protein Verified antibody applications HC (FFPE) (verified) Species reactivity Human, Macaque Antibody target cellular localization Secreted (extracellular) Species reactivity Human, Macaque Antibody application notes Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody, mununofluorescence: 1-2 ug/mL, Immunohistology formalin-fixed 0.5-1 ug/mL, Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min tolowed by cooing at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mL, Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min tolowed by cooing at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mL, Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min tolowed by cooing at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mL, Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min tolowed by cooing at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mL, 10 -35 °C Shelt life	Clonality	Monoclonal						
Molecular weight 19 kDa Synonyms Pluripoietin; Filgrastim; Lenograstim; CSF3OS; G-CSF; chromosome 17 open reading frame 33 (C17orf33); colony stimulating factor 3 (granulocyte) Human gene symbol CSF3 Entrez gene ID 1440 SwissProt P0919 Unigene 2233 Immunogen Human recombinant full-length CSF3 protein Verified antibody applications IHC (FFPE) (verified) Antibody target cellular localization Secreted (extracellular) Species reactivity Human, Macaque Antibody application notes Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody, Immunofluorescence: 1-2 ug/mL, Immunohistology formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mlilion cells/0.1 mL, Optimal dilution for a specific application should be determined by user Positive control HL60 cells. Tonsil or lymph node Shipping condition Room temperature Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status Fo	Clone	CSF3/900						
Synonyms Pluripoletin; Filgrastim; Lenograstim; CSF3OS; G-CSF; chromosome 17 open reading frame 33 (C17orf33); colony stimulating factor 3 (granulocyte) Human gene symbol CSF3 Entrez gene ID 1440 SwissProt P09919 Unigene 2233 Immunogen Human recombinant full-length CSF3 protein Verified antibody applications HIC (FFPE) (verified) Species reactivity Human, Macaque Antibody target cellular localization Secreted (extracellular) Species reactivity Human, Macaque Antibody application notes Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody conjugates than for indirect detection using primary antibody conjugates for 10 pc. 1 ug/mL, Immunohistology forometry 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at 11 for 20 minutes, Flow Cytometry 0.5-1 ug/mL [0.1 mL Optimal dilution for a specific application should be determined by user Positive control HL60 cells. Tonsil or lymph node Shipping condition Room temperature Storage Condit	Isotype	lgG1						
chromosome 17 open reading frame 33 (C17orf33); colony stimulating factor 3 (granulocyte) Human gene symbol CSF3 Entrez gene ID 1440 SwissProt P09919 Unigene 2233 Immunogen Human recombinant full-length CSF3 protein Verified antibody applications IHC (FFPE) (verified) Antibody target cellular localization Secreted (extracellular) Species reactivity Human, Macaque Antibody application notes Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection using primary antibody conjugates than for indirect detection using primary antibody conjugates than for indirect detection with secondary antibody. Immunofluorescence: 1-2 ug/mL, Immunohistology foromatin-fixed 0.5-1 ug/mL, Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at IT for 20 minutes, Flow Cytometry 0.5-1 ug/mL, Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for ro-20 min followed by cooling at IT for 20 minutes, Flow Cytometry 0.5-1 ug/mL, Staining of formal dilution for a specific application should be determined by user Positive control HL60 cells. Tonsil or lymph node Shipping condition Room temperature Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C	Molecular weight	19 kDa						
Entrez gene ID 1440 SwissProt P09919 Unigene 2233 Immunogen Human recombinant full-length CSF3 protein Verified antibody applications HC (FFPE) (verified) Antibody target cellular localization Secreted (extracellular) Species reactivity Human, Macaque Antibody application notes Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection using primary antibody conjugates than for indirect detection using primary antibody. Immunofluorescence: 1-2 ug/mL, Immunohistology formalin-fixed Lissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mllion cells/0.1 mL, Optimal dilution for a specific application should be determined by user Positive control HL60 cells. Tonsil or lymph node Shipping condition Room temperature Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation Cytokines, Immunology Product origin Product may contain either bovine serum albumin (BSA) from bovine serum (Bos taurus), or recombinant BSA produced in Chi	Synonyms	chromosome 17 open reading frame 33 (C17orf33); colony						
SwissProt P09919 Unigene 2233 Immunogen Human recombinant full-length CSF3 protein Verified antibody applications IHC (FFPE) (verified) Antibody target cellular localization Secreted (extracellular) Species reactivity Human, Macaque Antibody application notes Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection using primary antibody conjugates than for indirect detection using primary antibody conjugates than for indirect detection with secondary antibody. Immunofluorescence: 1-2 ug/mL, Immunohistology formalin-fixed Lissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mIllion cells/0.1 mL, Optimal dilution for a specific application should be determined by user Positive control HL60 cells. Tonsil or lymph node Shipping condition Room temperature Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1	Human gene symbol	CSF3						
Unigene 2233 Immunogen Human recombinant full-length CSF3 protein Verified antibody applications IHC (FFPE) (verified) Antibody target cellular localization Secreted (extracellular) Species reactivity Human, Macaque Antibody application notes Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection using primary antibody conjugates than for indirect detection using primary antibody. Immunofluorescence: 1-2 ug/mL, Immunohistology formalin-fixed Lissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mllion cells/0.1 mL, Optimal dilution for a specific application should be determined by user Positive control HL60 cells. Tonsil or lymph node Shipping condition Room temperature Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.1% BSA/0	Entrez gene ID	1440						
Immunogen Human recombinant full-length CSF3 protein Verified antibody applications IHC (FFPE) (verified) Antibody target cellular localization Secreted (extracellular) Species reactivity Human, Macaque Antibody application notes Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection using primary antibody conjugates than for indirect detection using primary antibody. Immunofluorescence: 1-2 ug/mL, Immunohistology formalin-fixed 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mllion cells/0.1 mL, Optimal dilution for a specific application should be determined by user Positive control HL60 cells. Tonsil or lymph node Shipping condition Room temperature Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified; 0.2 mg/mL, in PBS without azide Antibody research areas Cytokines, Immunology Product origin	SwissProt	P09919						
Verified antibody applications IHC (FFPE) (verified) Antibody target cellular localization Secreted (extracellular) Species reactivity Human, Macaque Antibody application notes Higher concentration may be required for direct detection using primary antibody, conjugates than for indirect detection using primary antibody, conjugates than for indirect detection using primary antibody, Immunofluorescence: 1-2 ug/mL, Immunohistology formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mlilion cells/0.1 mL, Optimal dilution for a specific application should be determined by user Positive control HL60 cells. Tonsil or lymph node Shipping condition Room temperature Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.05% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL, in PBS/0.05% BSA/0.05% azide, Purified, DSA-free: 1 mg/mL in PBS without azide Antibody research areas Cytokines, Immunology Product origin Product may contain either bovine serum albumin (BSA) from bovine serum (Bos taurus), or recombinant BSA produced in Chin	Unigene	2233						
applications Secreted (extracellular) Species reactivity Human, Macaque Antibody application notes Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody. Immunofluorescence: 1-2 ug/mL, Immunohistology formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min collewed by cooling at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mL Staining of Storage Condition Positive control HL60 cells. Tonsil or lymph node Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate Conjugates: 0.1 mg/mL in PBS/0.05% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS without azide Antibody research areas Cytokines, Immunology Product origin Product may contain either bovine serum albumin (BSA) from bovine serum (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot.	Immunogen	Human recombinant full-length CSF3 protein						
localization Human, Macaque Antibody application notes Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody, Immunofluorescence: 1-2 ug/mL, Immunohistology formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes, Flow Cytometry 0.5-1 ug/million cells/0.1 mL, Optimal dilution for a specific application should be determined by user Positive control HL60 cells. Tonsil or lymph node Shipping condition Room temperature Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% BSA/		IHC (FFPE) (verified)						
Antibody application notes Higher concentration may be required for direct detection using primary antibody, conjugates than for indirect detection with secondary antibody, Immunofluorescence: 1-2 ug/mL, Immunohistology formalin-fixed 0.5-1 ug/mL, Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mL, Staining of Dytamal dilution for a specific application should be determined by user Positive control HL60 cells. Tonsil or lymph node Storage Condition Room temperature Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified; 0.2 mg/mL in PBS/0.05% BSA/free: 1 mg/mL in PBS/0.05% Antibody research areas Cytokines, Immunology Product origin Product may contain either bovine serum albumin (BSA) from bovine serum (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific tot.		Secreted (extracellular)						
primary antibody conjugates than for indirect detection with secondary antibody, Immunofluorescence: 1-2 ug/mL, Immunohistology formalin-fixed 0.5-1 ug/mL, Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes, Flow Cytometry 0.5-1 ug/mllion cells/0.1 mL, Optimal dilution for a specific application should be determined by user Positive control HL60 cells. Tonsil or lymph node Storage Condition Room temperature Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate Conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide, HRP conjugates: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide, JRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide, Purified, BSA-free: 1 mg/mL in PBS/0.05% Antibody research areas Cytokines, Immunology Product origin Product may contain either bovine serum albumin (BSA) from bovine serum (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot. Cell/tissue expression Granulocytes, Myeloid cells	Species reactivity	Human, Macaque						
Shipping condition Room temperature Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% BSA/0.05% BSA/0.05% BSA/0.05% BSA/0.05% BSA/0.05% BSA/0.05% BSA/0.05% azide, Purified, 0.2 mg/mL in PBS without azide Antibody research areas Cytokines, Immunology Product origin Product may contain either bovine serum albumin (BSA) from bovine serum (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot. Cell/tissue expression Granulocytes, Myeloid cells	Antibody application notes	primary antibody conjugates than for indirect detection with secondary antibody, Immunofluorescence: 1-2 ug/mL, Immunohistology formalin-fixed 0.5-1 ug/mL, Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes, Flow Cytometry 0.5-1 ug/million cells/0.1 mL, Optimal dilution for a specific application should be determined						
Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS without azide Antibody research areas Cytokines, Immunology Product origin Product may contain either bovine serum albumin (BSA) from bovine serum (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot. Cell/tissue expression Granulocytes, Myeloid cells	Positive control	•						
Note: store BSA-free antibodies at -10 to -35 °C Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.05% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide, Purified, DSA-free: 1 mg/mL in PBS without azide Antibody research areas Cytokines, Immunology Product origin Product may contain either bovine serum albumin (BSA) from bovine serum (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot. Cell/tissue expression Granulocytes, Myeloid cells	Shipping condition							
stored as recommended Regulatory status For research use only (RUO) Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.05% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide, Purified, BSA-free: 1 mg/mL in PBS without azide Antibody research areas Cytokines, Immunology Product origin Product may contain either bovine serum albumin (BSA) from bovine serum (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot. Cell/tissue expression Granulocytes, Myeloid cells	Storage Conditions	Store at 2 to 8 °C, Protect fluorescent conjugates from light,						
Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.05% BSA, 0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% BSA, Purified: 0.2 mg/mL in PBS without azide Antibody research areas Cytokines, Immunology Product origin Product may contain either bovine serum albumin (BSA) from bovine serum (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot. Cell/tissue expression Granulocytes, Myeloid cells	Shelf life							
formulation conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% BSA/0.05% BSA/0.05% BSA/0.05% Antibody research areas Cytokines, Immunology Product origin Product may contain either bovine serum albumin (BSA) from bovine serum (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot. Cell/tissue expression Granulocytes, Myeloid cells	Regulatory status	For research use only (RUO)						
Product origin Product may contain either bovine serum albumin (BSA) from bovine serum (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot. Cell/tissue expression Granulocytes, Myeloid cells		conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL in PBS/0.05% BSA/0.05% azide, Purified, BSA-free: 1 mg/mL in						
bovine serum (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot. Cell/tissue expression Granulocytes, Myeloid cells	Antibody research areas	Cytokines, Immunology						
	Product origin	bovine serum (Bos taurus), or recombinant BSA produced in						
Detection channel Dve Features	Cell/tissue expression	Granulocytes, Myeloid cells						
		••••••						

Antibody # prefix	Conjugation	Ex/Em (nm)	Laser line	Detection channel	Dye Features
BNC04	CF®405S	404/431	405	DAPI (microscopy), AF405	CF®405S Features
BNC88	CF®488A	490/515	488	GFP, FITC	CF®488A Features
BNC68	CF®568	562/583	532, 561	RFP, TRITC	CF®568 Features
BNC94	CF®594	593/614	561	Texas Red®	CF®594 Features
BNC40	CF®640R	642/662	633-640	Cy®5	CF®640R Features
BNC47	CF®647	650/665	633-640	Cy®5	CF®647 Features
BNC74	CF®740	742/767	633-685	775/50	CF®740 Features
BNCB	Biotin	N/A	N/A	N/A	
BNUB	Purified	N/A	N/A	N/A	
BNUM	Purified, BSA-free	N/A	N/A	N/A	

Alexa Fluor, Pacific Blue, Pacific Orange, and Texas Red are trademarks or registered trademarks of Thermo Fisher Scientific; Cy is a registered trademark of Cytiva; IRDye, LI-COR, and Odyssey are registered trademarks of LI-COR Bioscience.

This datasheet was generated on August 24, 2025 at 09:43:18 PM. Visit product page to check for updated information before use. Product link: https://biotium.com/product/monoclonal-anti-granulocyte-colony-stimulating-factor-g-csf-csf3-csf3900/