Interferon Gamma Monoclonal Mouse Antibody (IFNG/1598)

Product Description

LI-COR Bioscience.

This antibody recognizes a protein of 20-25 kDa, identified as human interferon gamma (IFN-y). Multiple forms exist In is antibody recognizes a protein of 20-25 kDa, identified as numan interferon gamma (IFN-γ). Multiple forms exist due to variable glycosylation and under non-denaturing conditions due to dimers and tetramers. T lymphocytes and NK cells mainly produce IFN-γ. It is a pleiotropic cytokine involved in the regulation of nearly all phases of immune and inflammatory responses, including the activation, growth and differentiation of T cell, B cells, macrophages, NK cells and other cell types such as endothelial cells and fibroblasts. It has weak anti-viral and anti-proliferative activity, and potentiates the antiviral and anti-tumor effects of IFN-γ (type I interferon). 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.

Call us: 800-304-5357 Email: btinfo@biotium.com

Antibody reactivity (target) Primary Host species Mouse Clonality Monoclonal Clone IFNG/1598 Isotype IgG1, kappa Molecular weight 19.22 kDa Synonyms AMCF1; Beta thromboglobulin like protein; CXC chemokine ligand 8 (CXCL8); Emoctakin; Granulocyte chemotactic protein 1 (GCP1); IFG; IFI; FN Immune; Interleukin 8; LECT; LUCT Lymphocyte derived neutrophil activating factor; LYNAP; Macrophage Activating Factor (MAF); Monocyte derived neutrophil activating protein (MONAP); Monocyte derived neutrophil activating protein (MONAP); Monocyte derived neutrophil activating peptide 1 (NAP1); SCYBB Human gene symbol IFNG Entrez gene ID 3458 SwissProt P01579 Unigene 856 Immunogen Purified recombinant human full-length IFNG protein Antibody target cellular Plasma membrane Species reactivity Human Antibody application notes For coating for ELISA, order Ab without BSA, Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody, Optimal dilution and staining procedure for a specific applications, or 1 ug/million cells/100 uL for flow cytometry Positive control PMA stimulated human peripheral blood mononuclear cells. Renal or testicular carcinoma. Shipping condition Room temperature Storage Conditions Storage Conditions Storage Conditions Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA/10.05% azide Purified, BSA-free at mg/mL in PBS without azide Shelf life Guaranteed for at least 24 months from date or receipt when stored as recommended Cell/tissue expression NK cells, T-cells	Product attributes			
Host species Mouse	Antibody number	#1598		
Host species Mouse		Interferon Gamma		
Clone IFNG/1598 Isotype IgG1, kappa Molecular weight 19.22 kDa Synonyms AMCF1; Beta thromboglobulin like protein; CXC chemokine ligand 8 (CXCL8); Emotalakir; Granulocyte chemotactic protein 1 (GCP1); IFG; IFI; IFIN Immune, Interleukin 8; LECT; LUCT Lymphocyte derived neutrophil activating factor; LYNAP; Macrophage Activating Factor (MAF); Monocyte derived neutrophil activating factor (NAP; Monocyte derived neutrophil activating factor (NAP; Monocyte derived neutrophil activating pactor (NAP; Neutrophil activating peptide 1 (NAP1); SCYB8 Human gene symbol IFNG Entrez gene ID 3458 SwissProt P01579 Unigene 856 Immunogen Purified recombinant human full-length IFNG protein Antibody target cellular Plasma membrane Plasma membrane Plasma membrane Antibody application Plasma membrane For coating for ELISA, order Ab without BSA, Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody. Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for ittration are 1-2 ug/ml. for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control PMA stimulated human peripheral blood mononuclear cells. Renal or testicular carcinoma. Shipping condition Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C Regulatory status For research use only (RUO) Antibody/conjugate formight, in PBS/0.19% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA/0.05% azide Purified, BSA-free: 1 mg/mL in PBS	Antibody type	Primary		
Isotype IgG1, kappa	Host species	Mouse		
Isotype IgG1, kappa	Clonality	Monoclonal		
Molecular weight 19.22 kDa	Clone	IFNG/1598		
Synonyms AMCF1; Beta thromboglobulin like protein; CXC chemokine ligand 8 (CXCLB); Emotalkin; Granulocyte chemotactic protein 1 (GCP1); IFG; IFI; IFN Immune; Interleukin 8; LECT; LUCT Lymphocyte derived neutrophil activating Factor; LYNAP; Macrophage Activating Factor; LYNAP; Macrophage Activating Factor (MAF); Monocyte derived neutrophil activating protein (MONAP); Monocyte derived neutrophil activating peptide 1 (NAP1); SCYB8 Human gene symbol IFNG Entrez gene ID 3458 SwissProt P01579 Unigene 856 Immunogen Purified recombinant human full-length IFNG protein Antibody target cellular Plasma membrane Human Plasma membrane Human Antibody application Plasma membrane For coating for ELISA, order Ab without BSA, Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody. Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for ittration are 1-2 ug/ml. for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control PMA stimulated human peripheral blood mononuclear cells. Renal or testicular carcinoma. Shipping condition Room temperature Storage Conditions For research use only (RUO) Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA/0.05% azide Purified, BSA-free: 1 mg/mL in PBS without azide Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended	Isotype	IgG1, kappa		
protein; CXC chemokine ligand 8 (CXCLB); Emottakin; Granulocyte chemotactic protein 1 (GCP1); IFG; IFI; IFN Immune; Interleukin 8; LECT; LUCT Lymphocyte derived neutrophil activating Factor; MAP; Macrophage Activating Factor (MAP; Monocyte derived neutrophil activating protein (MONAP); Monocyte derived neutrophil chemotactic factor (MDNCF); Neutrophil activating factor (NAF); Neutrophil activating peptide 1 (NAP1); SCYB8 Human gene symbol IFNG Entrez gene ID 3458 SwissProt P01579 Unigene 856 Immunogen Purified recombinant human full-length IFNG protein Antibody target cellular Plasma membrane Human Antibody application notes Pasma membrane For coating for ELISA, order Ab without BSA, Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody. Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for ittration are 1-2 ug/ml. for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control PMA stimulated human peripheral blood mononuclear cells. Renal or testicular carcinoma. Shipping condition Storage Conditions For research use only (RUO) Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA/0.05% azide purified, BSA-free: 1 mg/mL in PBS/0.1% without azide Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended	Molecular weight	19.22 kDa		
Entrez gene ID SwissProt P01579 Unigene 856 Immunogen Purified recombinant human full-length IFNG protein Antibody target cellular Plasma membrane Plasma membrane For coating for ELISA, order Ab without BSA, Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody. Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for titration are 1-2 ug/ml. for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control PMA stimulated human peripheral blood mononuclear cells. Renal or testicular carcinoma. Shipping condition Storage Conditions Storage Conditions Storage Conditions For research use only (RUO) Antibody/conjugate formulation Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% BSA, Purified: 0.2 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 Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended	Synonyms	protein; CXC chemokine ligand 8 (CXCL8); Emoctakin; Granulocyte chemotactic protein 1 (GCP1); IFG; IFI; IFN Immune; Interleukin 8; LECT; LUCT Lymphocyte derived neutrophil activating factor; LYNAP; Macrophage Activating Factor (MAF); Monocyte derived neutrophil activating protein (MONAP); Monocyte derived neutrophil activating protein (MONAP); Monocyte derived neutrophil hemotactic factor (MDNCF): Neutrophil		
SwissProt P01579 Unigene 856 Immunogen Purified recombinant human full-length IFNG protein Antibody target cellular Plasma membrane Species reactivity Human Antibody application notes For coating for ELISA, order Ab without BSA, Higher concentration may be required for direct detection using primary antibody, Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for titration are 1-2 ug/mll for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control PMA stimulated human peripheral blood mononuclear cells. Renal or testicular carcinoma. 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 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/0.05% azide Purified, BSA-free: 1 mg/mL in PBS without azide Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended	Human gene symbol	IFNG		
Unigene 856 Immunogen Purified recombinant human full-length IFNG protein Antibody target cellular Plasma membrane Plasma membrane Human Antibody application notes For coating for ELISA, order Ab without BSA, Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody. Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for ittration are 1-2 ug/ml. for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control PMA stimulated human peripheral blood mononuclear cells. Renal or testicular carcinoma. Shipping condition Storage Conditions Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C 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/0.05% azide Purified, DSA-free: 1 mg/mL in PBS without azide Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended	Entrez gene ID	3458		
Immunogen	SwissProt	P01579		
Antibody target cellular Plasma membrane Human Antibody application notes For coating for ELISA, order Ab without BSA, Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody, Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for titration are 1-2 ug/ml. for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control PMA stimulated human peripheral blood mononuclear cells. Renal or testicular carcinoma. Shipping condition Storage Conditions Storage Conditions Storage Conditions Storage Conditions For research use only (RUO) Antibody/conjugate formulation 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/0.05% azide Purified, BSA-free: 1 mg/mL in PBS without azide Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended	Unigene	856		
Antibody application notes For coating for ELISA, order Ab without BSA, Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody, Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for titration are 1-2 ug/ml for most applications, or 1 ug/million cells/100 uL for flow cytometry	Immunogen			
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notes BSA, Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody, Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for titration are 1-2 ug/ml. for most applications, or 1 ug/million cells/100 uL for flow cytometry Positive control PMA stimulated human peripheral blood mononuclear cells. Renal or testicular carcinoma. Shipping condition Storage Conditions Storage Conditions Storage Conditions Storage Conditions Storage Conditions To research use only (RUO) Antibody/conjugate for measurement of the conjugates: 0.1 mg/ml. in PBS/0.05% BSA, Purified: 0.2 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 Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended	Species reactivity	Human		
mononuclear cells. Renail or testicular carcinoma. Shipping condition Room temperature Storage Conditions For research use only (RUO) Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.5% BSA/0.5% azide Purified, BSA-free: 1 mg/mL in PBS Without azide Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended	Antibody application notes	BSA, Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody, Optimal dilution and staining procedure for a specific application should be determined by user, Recommended starting concentrations for titration are 1-2 ug/mL for most applications, or 1 ug/million cells/100 uL		
Storage Conditions Store at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C	Positive control			
conjugates from light, Note: store BSA-free antibodies at -10 to -35 °C 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/0.05% BSA, Purified: 0.2 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 Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended	Shipping condition	Room temperature		
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/0.05% BSA	Storage Conditions	conjugates from light, Note: store		
formulation BSÁ/0.05% azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 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 Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended	Regulatory status	For research use only (RUO)		
date of receipt when stored as recommended		BSÁ/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		
Cell/tissue expression NK cells, T-cells	Shelf life	date of receipt when stored as		

Antibody # prefix BNC04	Conjugation CF®405S	Ex/Em (nm) 404/431	Laser line 405	Detection channel DAPI (microscopy), AF405	Dye Features 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
BNCB	Biotin	N/A	N/A	N/A	
BNUB	Purified	N/A	N/A	N/A	
BNUM	Purified,	N/A	N/A	N/A	

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