

C1QA / Complement C1q A-Chain **Monoclonal Mouse Antibody** (C1QA/2953)



Product Description

Complement C1q A Chain (C1qa) is a subunit of C1q. C1q is composed of 6 polypeptide chains each of C1qa, C1qb, and C1qc. C1q is a component of the classical complement pathway, and thereby plays an important role in the immune response. Each C1q subunit contains an N-terminal collagen-like region and a C-terminal C1q globular domain. The presence of receptors for C1q on effector cells modulates its activity, which may be antibody-dependent or independent. Macrophages are the primary source of C1q, while anti-inflammatory drugs as well as cytokines differentially regulate expression of the mRNA as well as the protein. C1q deficiency is associated with lupus erythematosus and glomerulonephritis.

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 2953, C1QA / Complement C1q A-Chain Monoclonal Mouse Antibody (C1QA/2953)

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

Product attributes

Antibody number#2953Antibody reactivity (target)C1OA, Complement C1q A-ChainAntibody typePrimaryHost speciesMouseClonalityMonoclonalCloneC1OA/2953IsotypeIgG2b, kappaMolecular weight29 kDaSynonymsCiOACloneC1OAHuman gene symbolC1OAEntrez gene ID712SwissProtP02745Unigene632379ImmunogenRecombinant fragment (around aa 104-237) of human C1OA protein (exact sequence is proprietary)Verified antibody applicationsHC (FFPE) (verified), WB (verified)Species reactivityHumanPositive controlHuman liver or kidney tissue (IHC). PC-3 cell lysate (WB).Shipping conditionRoom temperatureStorage ConditionsStore at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °CRegulatory statusFor research use only (RUO)Antibody/conjugateConjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified, D2 mg/mL in PBS/0.05% BSA, Purified, D2 mg/mL in <b< th=""><th>Product attributes</th><th></th></b<>	Product attributes				
Antibody typePrimaryHost speciesMouseClonalityMoncolonalCloneC1QA/2953IsotypeIgG2b, kappaMolecular weight29 kDaSynonymsComplement C1q subcomponent subunit A; Complement component 1 q subcomponent alpha polypeptideHuman gene symbolC1QAEntrez gene ID712SwissProtP02745Unigene632379ImmunogenRecombinant fragment (around aa 104-237) of human C1QA protein (exact sequence is proprietary)Verified antibody applicationsHLC (FFPE) (verified), WB (verified)Species reactivityHumanPositive controlHuman liver or kidney tissue (IHC). PC-3 cell lysate (WB).Shiping conditionRoom temperatureStorage ConditionsStore at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °CRegulatory statusFor research use only (RUO)Antibody/conjugate formulationConjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% BSA, Purified: 0.2 mg/mL, in PBS/0.05% BSA/0.05%	Antibody number	#2953			
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ClonalityMonoclonalCloneC1QA/2953IsotypeIgG2b, kappaMolecular weight29 kDaSynonymsComplement C1 q subcomponent subunit A; Complement component 1 q subcomponent alpha polypeptideHuman gene symbolC1QAEntrez gene ID712SwissProtP02745Unigene632379ImmunogenRecombinant fragment (around aa 104-237) of human C1QA protein (exact sequence is proprietary)Verified antibody applicationsHLC (FFPE) (verified), WB (verified)Species reactivityHumanPositive controlHuman liver or kidney tissue (IHC). PC-3 cell lysate (WB).Shipping conditionRoom temperatureStorage ConditionsSitore at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °CRegulatory statusFor research use only (RUO)Antibody roopiugate formulationConjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% BSA, Purified: 0.2 mg/mL, in PBS/0.05% BSA, Purified; BSA-free: 1 mg/mL in PBS/0.05% BSA, Purified; D.2 mg/mL, in PBS/0.05% BSA, Purified; D.2 mg/mL, in PBS/0.	Antibody type	Primary			
CloneC1QA/2953IsotypeIgG2b, kappaMolecular weight29 kDaSynonymsComplement C1q subcomponent subunit A; Complement component 1 q subcomponent alpha polypeptideHuman gene symbolC1QAEntrez gene ID712SwissProtP02745Unigene632379ImmunogenRecombinant fragment (around aa 104-237) of human C1QA protein (exact sequence is proprietary)Verified antibody applicationsIHC (FFPE) (verified), WB (verified)Species reactivityHumanPositive controlHuman liver or kidney tissue (IHC). PC-3 cell lysate (WB).Shipping conditionRoom temperatureStorage ConditionsStore at 2 to 8 °C, Protect fluorescent conjugates from light, Note: store BSA-free antibodies at -10 to -35 °CRegulatory statusFor research use only (RUO)Antibody rougates: 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; 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; D.2 mg/m	Host species	Mouse			
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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/0.05% azide, Purified: BSA-free: 1 mg/mL in PBS without azide Validated in protein array Monospecific Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Antibody research areas Immunology Product origin Product nay 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.	Shipping condition	Room temperature			
Antibody/conjugate Conjugates: 0.1 mg/mL in PBS/0.1% BSA/0.05% azide, HRP formulation formulation 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% BSA/0.05% BSA/0.05% BSA/0.05% Validated in protein array Monospecific Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended Antibody research areas 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.	Storage Conditions				
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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.	Shelf life				
bovine serum (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot.	Antibody research areas	Immunology			
Cell/tissue expression Macrophage/monocyte	Product origin	bovine serum (Bos taurus), or recombinant BSA produced in			
	Cell/tissue expression	Macrophage/monocyte			

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	

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