

Bcl-x Monoclonal Mouse Antibody (BCL2L1/1762)

kDa		NR	R	
250				
150		-		
100				
75	_			2ug load NR=Non
50	-		-	reduced
37	-			R=reduc
25	_		-	
20				
15				

Product Description

Bcl-x belongs to the Bcl-2 family of proteins and plays a crucial role in apoptosis. Bcl-X has two isoforms: Bcl-XL (long), a 26 kDa protein which suppresses cell death, and Bcl-XS (short), a 178 amino acid protein lacking a 63 amino acid domain which functions as a dominant inhibitor of Bcl-2 and promotes apoptosis. This MAb reacts with both BcI-XS and BcI-XL proteins, and shows no cross-reaction with Bcl-2 or Bax proteins.

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 1762, Bcl-x Monoclonal Mouse Antibody (BCL2L1/1762)

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

Antibody number#1762Antibody reactivity (target)Bcl-xAntibody typePrimaryHost speciesMouseClonalityMonocionalCloneBCL2L1/1762IsotypeIgG2b, kappaMolecular weight27 kDaSynonymsBcl-x; Bcl-2-like protein 1; BCL2L1; Apoptosis regulator Bcl-XHuman gene symbolBCL2L1Entrez gene ID598SwissProtQ07817UnigeneS16966ImmunogenRecombinant human BCL2L1 protein fragment (around aa 1-135) (exact sequence is proprietary)Antibody target cellular localizationCytoplasmic, Endoplasmic reticulum, MitochondriaSpecies reactivityHumanAntibody application notes applications for ithrain go concentration may be required for direct detection using primary antibody. Optimal dilution and staining proceeding applications, or 1 ug/million cells/100 uL for flow cytometryPositive controlJurkat, K562, HL-60, or HeLa Cells. Reed-Sternberg cells in Hodgkin's lymphoma.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/conjugate stous 0.05% BSA/0.05%, azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.22 mg/mL in PBS/0.05% BSA/0.05%, azide, HRP conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.22 mg/mL in PBS/0.05% 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, HRP conjuga	Product attributes				
Antibody type Primary Host species Mouse Clonality Monoclonal Clone BCL2L1/1762 Isotype IgG2b, kappa Molecular weight 27 kDa Synonyms Bcl-x; Bcl-2-like protein 1; BCL2L1; Apoptosis regulator Bcl-X Human gene symbol BCL2L1 Entrez gene ID 598 SwissProt Q07817 Unigene 516966 Immunogen Recombinant human BCL2L1 protein fragment (around aa 1-135) (exact sequence is proprietary) Antibody target cellular localization Cytoplasmic, Endoplasmic reticulum, Mitochondria 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 using primary antibody, Optimat dilution and staining procedure for a specific applications, or 1 ug/million cells/100 uL for flow cytometry Positive control Jurkat, K562, HL-60, or HeLa Cells. Reed-Sternberg cells in Hodgkin's lymphoma. 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 <t< th=""><th>Antibody number</th><th colspan="4">#1762</th></t<>	Antibody number	#1762			
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Clonality Monoclonal Clone BCL2L1/1762 Isotype IgG2b, kappa Molecular weight 27 KDa Synonyms Bcl-x; Bcl-2-like protein 1; BCL2L1; Apoptosis regulator Bcl-X Human gene symbol BCL2L1 Entrez gene ID 598 SwissProt Q07817 Unigene 516966 Immunogen Recombinant human BCL2L1 protein fragment (around aa 1-135) (exact sequence is proprietary) Antibody target cellular localization Cytoplasmic, Endoplasmic reticulum, Mitochondria 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 applications for titrations for titrations are 1-2 ug/mL for most applications, or 1 ug/million cells/100 uL for flow cytometry antibody. Optimat dilutions for titrations for titrations Positive control Jurkat, K562, HL-60, or HeLa Cells. Reed-Sternberg cells in Hodgkin's lymphoma. 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 type	Primary			
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formulation conjugates: 0.1 mg/mL in PBS/0.05% BSA, Purified: 0.2 mg/mL	Regulatory status	For research use only (RUO)			
PBS without azide		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			
Shelf life Guaranteed for at least 24 months from date of receipt when stored as recommended	Shelf life				
Antibody research areas Apoptosis, Cancer	Antibody research areas	Apoptosis, Cancer			
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.	Product origin	bovine serum (Bos taurus), or recombinant BSA produced in			

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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