BiP (C50B12) Rabbit mAb



Orders: 877-616-CELL (2355)

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info@cellsignal.com cellsignal.com Web:

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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Applications: R W, IHC-P, FC-FP	eactivity: H M	Sensitivity: Endogenous	MW (kDa): 78	Source/Isotype: Rabbit IgG	UniProt ID: #P11021	Entrez-Gene Id: 3309
Product Usage Information		Application Western Blotting Immunohistochemistry (Paraffin) Flow Cytometry (Fixed/Permeabilized)			Dilution 1:1000 1:100 - 1:400 1:100 - 1:400	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
		For a carrier free (BSA and azide free) version of this product see product #63411.				
Specificity/Sensitivity		BiP (C50B12) Rabbit mAb detects endogenous levels of total BiP protein.				
Source / Purification		BiP (C50B12) Rabbit mAb is produced by immunizing rabbits with a synthetic peptide corresponding to residues surrounding Gly584 of human BiP.				
Background		endoplasmic reticulu formation, amino-linl pool of molecular cha binding protein in pro starvation (3). When p	m (ER). Inside the ER ked glycosylation an aperones including E e-B cells (1,2). It was protein folding is dis	re synthesized on polys R, these proteins are ofte d folding. To help protei BiP. BiP was identified as also found to be induce turbed inside ER, BiP sy em from forming aggre	en modified by disu ins fold properly, th san immunoglobuli ed at the protein lev nthesis is increasec	lfide bond e ER contains a n heavy chain el by glucose l. Subsequently, BiP
Background Refere	ences	1. Wabl, M. and Steinberg, C. (1982) <i>Proc Natl Acad Sci U S A</i> 79, 6976-8. 2. Haas, I.G. and Wabl, M. (1983) <i>Nature</i> 306, 387-9. 3. Munro, S. and Pelham, H.R. (1986) <i>Cell</i> 46, 291-300. 4. Kohno, K. et al. (1993) <i>Mol Cell Biol</i> 13, 877-90.				
Species Reactivity		Species reactivity is d	etermined by testing	g in at least one approve	ed application (e.g.,	western blot).
Western Blot Buffe	r	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.				
Applications Key		W: Western Blotting IHC-P: Immunohistochemistry (Paraffin) FC-FP: Flow Cytometry (Fixed/Permeabilized)				
Cross-Reactivity Ke	_' y	H: Human M: Mouse				
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