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Bcr Antibody



Orders: 877-616-CELL (2355)

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Applications: W	Reactivity: H M R Pg	Sensitivity: Endogenous	MW (kDa): 130, 160 (Bcr); 210 (Bcr-Abl)	Source/Isotype: Rabbit	UniProt ID: #P11274	Entrez-Gene Id: 613	
Product Usage Information	2	Application Western Blotting			Dilution 1:1000		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.					
Specificity/Ser	nsitivity	Bcr Antibody detects endogenous levels of total Bcr as well as the 210 kDa Bcr-Abl fusion protein.					
Source / Purifi	cation	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to the amino-terminal sequence of human Bcr. Antibodies are purified by protein A and peptide affinity chromatography.					
Background		terminal region of B region that binds SH similarity to the gua carboxy-terminal re protein Rac (2,3). Th downstream signali production of a cons (CML) (5). Tyr177 of	rginally identified by its icr contains an oligome 42 domains. The middle nine nucleotide exchar gion may be involved ir e function of wild type ng mediator (4). Resear stitutively active tyrosin Bcr is phosphorylated i activity of Bcr-Abl (6). P	rization domain, a serie of the protein has a Finge factors for the Rhon a GTPase activating for in cells remains until studies have showing kinase, which cause in the Bcr-Abl fusion protein the Bcr-Abl fusion protein studies have showing the Bcr-Abl fusion protein fusion protein studies have showing the Bcr-Abl fusion protein the Bcr-Abl fusi	ine/threonine kinas PH domain and a re family of GTP bind unction for the sma clear. PDGF recepton that the Bcr-Abl fus s chronic myelogen rotein, which plays	e domain, and a gion of sequence ing proteins. The all GTP-binding or may use Bcr as a usion results in ous leukemia an important role	
Background R	eferences	4. Abe, J. I. et al. (200 5. Voncken, J. W. et a 6. He, Y. et al. (2002) 7. Sattler, M. et al. (2	•	947, 341-343. 28. -492.			

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key W: Western Blotting

Cross-Reactivity Key H: Human M: Mouse R: Rat Pg: Pig

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