

Datasheet for ABIN7601180
anti-BCR antibody (AA 3-264)



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Overview

Quantity:	100 µg
Target:	BCR
Binding Specificity:	AA 3-264
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-BCR Antibody Picoband®
Immunogen:	E.coli-derived human BCR recombinant protein (Position: D3-N264).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-BCR Antibody Picoband® (ABIN7601180). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	BCR
Alternative Name:	BCR (BCR Products)
Background:	Synonyms: Interleukin-10, IL-10, Cytokine synthesis inhibitory factor, CSIF, IL10 Tissue Specificity: Produced by a variety of cell lines, including T-cells, macrophages, mast cells and other cell types. Background: The breakpoint cluster region protein (BCR) is a protein that in humans is encoded by the BCR gene. A reciprocal translocation between chromosomes 22 and 9 produces the Philadelphia chromosome, which is often found in patients with chronic myelogenous leukemia. The chromosome 22 breakpoint for this translocation is located within the BCR gene. The translocation produces a fusion protein which is encoded by sequence from both BCR and ABL, the gene at the chromosome 9 breakpoint. Although the BCR-ABL fusion protein has been extensively studied, the function of the normal BCR gene product is not clear. The protein has serine/threonine kinase activity and is a GTPase-activating protein for p21rac. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	160 kDa
Gene ID:	613
UniProt:	P11274
Pathways:	Regulation of Leukocyte Mediated Immunity , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. "Entrez Gene: Breakpoint cluster region". 2. Puil L, Liu J, Gish G, Mbamalu G, Bowtell D, Pelicci PG, Arlinghaus R, Pawson T (February 1994). "Bcr-Abl oncoproteins bind ly to activators of the Ras signalling pathway". EMBO J. 13 (4): 764-73. 3. Pendergast AM, Muller AJ, Havlik MH, Maru Y, Witte ON (July 1991). "BCR sequences essential for transformation by the BCR-ABL oncogene bind to the ABL SH2 regulatory domain in a non-phosphotyrosine-dependent manner". Cell 66 (1): 161-71.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.