

Datasheet for ABIN5611129
anti-BCR antibody (AA 139-280)

5 Images

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Overview

Quantity:	0.1 mg
Target:	BCR
Binding Specificity:	AA 139-280
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human BCR (AA: 139-280) expressed in E. coli.
Clone:	1E11G12
Isotype:	IgG1
Purification:	purified

Target Details

Target:	BCR
Alternative Name:	BCR (BCR Products)
Background:	Description: 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.

Target Details

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.

Aliases: ALL, CML, PHL, BCR1, D22S11, D22S662

Molecular Weight: 142.8 kDa

Gene ID: 613

HGNC: 613

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Platelet-derived growth Factor Receptor Signaling](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A

Restrictions: For Research Use only

Handling

Format: Liquid

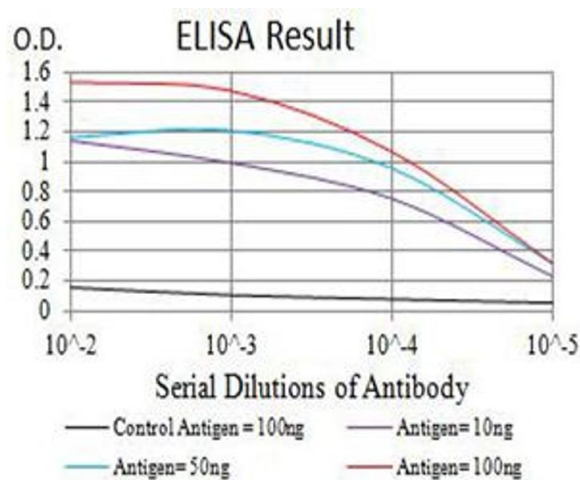
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

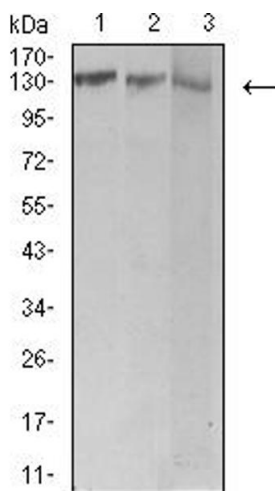
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



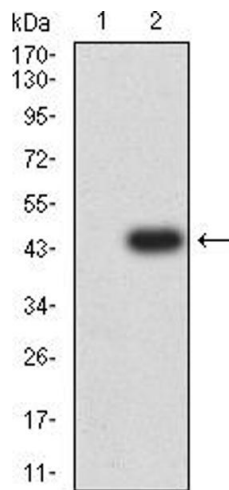
ELISA

Image 1. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 2. Western blot analysis using BCR mouse mAb against Jurkat (1), Hela (2), and Ramos (3) cell lysate.



Western Blotting

Image 3. Western blot analysis using BCR mAb against HEK293 (1) and BCR (AA: 139-280)-hlgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5611129.