For Research Use Only

BCR Monoclonal antibody, PBS Only

Catalog Number: 67260-1-PBS



Basic Information

Catalog Number:

GenBank Accession Number:

Purification Method: Protein A purification

67260-1-PBS

BC066122 GeneID (NCBI):

Source: Mouse

CloneNo.: 2C2E3

Isotype: lgG2b

UNIPROT ID: P11274 Full Name:

Immunogen Catalog Number: AG28953

breakpoint cluster region

Calculated MW: 143 kDa

Observed MW: 150-160 kDa

Applications

Tested Applications:

WB, FC (Intra), Indirect ELISA

Species Specificity:

human, rat

Background Information

The Bcr gene, mapping on chromosome 22, was orginally identified by its presence in the chimeric Bcr-Abl oncogene. The Bcr gene encodes for the break point cluster region protein(Bcr). 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 RAC1 and CDC42. A chromosomal aberration involving BCR has been found in patients with chronic myeloid leukemia.

Storage

Storage:

Store at -80°C.

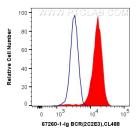
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer: PBS only, pH7.3

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 67260-1-Ig (BCR antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67260-1-PBS in a different storage buffer formulation.



1X10^6 K-562 cells were intracellularly stained with 0.4 ug Anti-Human BCR (67260-1-Ig, Clone:2C2E3) and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K1188C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 67260-1-PBS in a different storage buffer