

For Research Use Only

# CoraLite® Plus 488-conjugated BCR Monoclonal antibody



Catalog Number: CL488-67260

## Basic Information

<b>Catalog Number:</b> CL488-67260	<b>GenBank Accession Number:</b> BC066122	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 613	<b>CloneNo.:</b> 2C2E3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P11274	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG2b	<b>Full Name:</b> breakpoint cluster region	
<b>Immunogen Catalog Number:</b> AG28953	<b>Calculated MW:</b> 143 kDa	
	<b>Observed MW:</b> 150-160 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Human, rat

## Background Information

The Bcr gene, mapping on chromosome22, was originally 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 -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

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## Selected Validation Data



1X10<sup>6</sup> K-562 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human BCR (CL488-67260, Clone:2C2E3) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).