

For Research Use Only

CoraLite® Plus 488-conjugated BCR Monoclonal antibody

Catalog Number:CL488-67260



Basic Information

Catalog Number: CL488-67260	GenBank Accession Number: BC066122	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 613	CloneNo.: 2C2E3
Source: Mouse	UNIPROT ID: P11274	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2b	Full Name: breakpoint cluster region	
Immunogen Catalog Number: AG28953	Calculated MW: 143 kDa	
	Observed MW: 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.

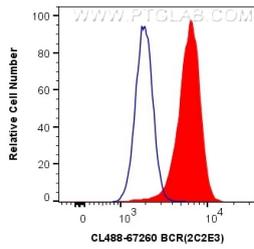
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1X10⁶ 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).