

For Research Use Only

CoraLite® Plus 488-conjugated BLNK Monoclonal antibody



Catalog Number: CL488-66953

Basic Information

Catalog Number: CL488-66953	GenBank Accession Number: BC018906	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 29760	CloneNo.: 1A1A1
Source: Mouse	Full Name: B-cell linker	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG1	Calculated MW: 50 kDa	
Immunogen Catalog Number: AG28673	Observed MW: 65-70 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human, pig

Background Information

BLNK (also known as SLP-65 or BASH) is an important adaptor protein selectively expressed in B-lineage cells. BLNK bridges B cell receptor-associated kinase activation with downstream signaling pathways, thereby affecting various biological functions. BLNK has been shown to be necessary for BCR-mediated Ca²⁺ mobilization, for the activation of mitogen-activated protein kinases such as ERK, JNK, and p38 in a chicken B cell line DT40, and for activation of transcription factors such as NF-AT and NF-κB in human or mouse B cells. BLNK plays a crucial role in pre-BCR-dependent progression of B cell development, BCR-mediated B cell survival, activation, proliferation, and T-independent immune responses.

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.

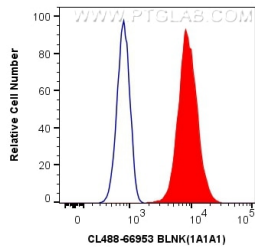
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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 Daudi cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human BLNK (CL488-66953, Clone:1A1A1) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).