

For Research Use Only

# CoraLite® Plus 488-conjugated BLNK Monoclonal antibody



Catalog Number: CL488-66953

## Basic Information

Catalog Number:

CL488-66953

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28673

GenBank Accession Number:

BC018906

GeneID (NCBI):

29760

UNIPROT ID:

Q8WV28

Full Name:

B-cell linker

Calculated MW:

50 kDa

Observed MW:

65-70 kDa

Purification Method:

Protein G purification

CloneNo.:

1A1A1

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## 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 Ca<sup>2+</sup> 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

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

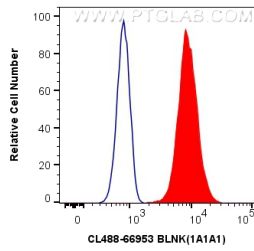
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



1X10<sup>6</sup> 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).