

For Research Use Only

CoraLite®594-conjugated BLNK Monoclonal antibody



Catalog Number:CL594-66953

Basic Information

Catalog Number:

CL594-66953

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

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, pig

Positive Controls:

IF/ICC : NIH/3T3 cells,

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

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

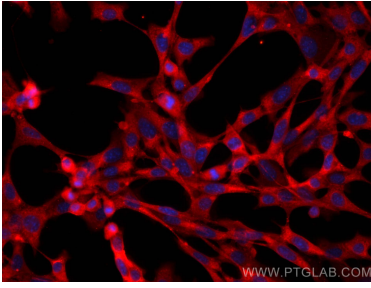
T: 4006900926

E: Proteintech-CN@ptglab.com

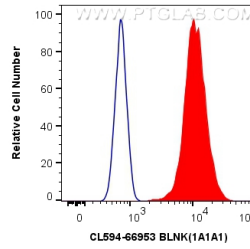
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using CoraLite®594 BLNK antibody (CL594-66953, Clone: 1A1A1) at dilution of 1:200.



1X10⁶ Daudi cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human BLNK (CL594-66953, Clone:1A1A1) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).