

BLNK

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:1000

Calculated MW: 50kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human BLNK

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

bca; AGM4; BASH; LY57; SLP65; BLNK-S; SLP-65

Catalog #: A0638

Antibody Type:

Monoclonal Antibody

Species: Mouse

Gene ID: 29760

Isotype: IgG

Swiss Prot: Q8WV28

Purity: Affinity purification

For research use only.

Background:

This gene encodes a cytoplasmic linker or adaptor protein that plays a critical role in B cell development. This protein bridges B cell receptor-associated kinase activation with downstream signaling pathways, thereby affecting various biological functions. The phosphorylation of five tyrosine residues is necessary for this protein to nucleate distinct signaling effectors following B cell receptor activation. Mutations in this gene cause hypoglobulinemia and absent B cells, a disease in which the pro- to pre-B-cell transition is developmentally blocked. Deficiency in this protein has also been shown in some cases of pre-B acute lymphoblastic leukemia. Alternatively spliced transcript variants have been found for this gene.

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