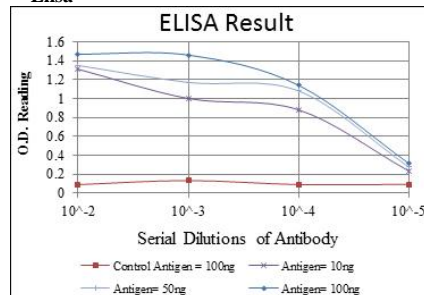




Category: Monoclonal Antibodies Cat. #: MAB-606030232
Product Name: Mouse Monoclonal Antibody to BLNK

Elisa



Western Blotting

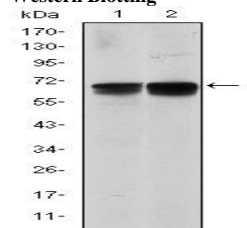


Figure 1: Western blot analysis using BLNK mouse mAb against NIH/3T3 (1) and BCBL-1 (2) cell lysate.

IHC-P (paraffin)

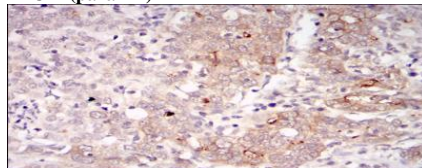


Figure 2: Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using BLNK mouse mAb with DAB staining.

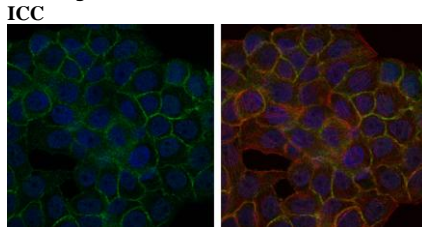


Figure 3: Immunofluorescence analysis of HepG2 cells using BLNK mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

CM

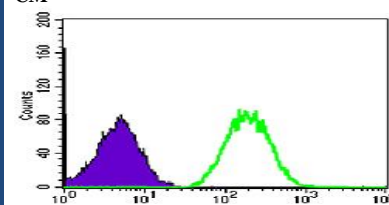


Figure 4: Flow cytometric analysis of NIH/3T3 cells using BLNK mouse mAb (green) and negative control (purple)

Lot#:

Clone#: 5G9

Host and isotype: Mouse IgG1

Size: 0.1ml

MW: 68kDa

Aliases: AGM4; BASH; LY57; SLP65; S; SLP-65; MGC111051

Entrez Gene: 29760

Species reactivity: Human; Mouse

Description

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 encoding different isoforms have been found for this gene.

Immunogen

Purified recombinant fragment of human BLNK expressed in E. Coli.

Applications

Western Blotting: 1/500 - 1/2000.

Immunohistochemistry: 1/200 - 1/1000.

Immunofluorescence: 1/200 - 1/1000.

Flow cytometry: 1/200 - 1/400.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determine optimal working dilutions by titration test.

Formulation

Ascitic fluid containing 0.03% sodium azide.

Storage

Store at 4°C, for long term storage, store at -20°C.

Related product

References

1. J Biol Chem. 2009 Apr 10;284(15):9804-13.
2. Cancer Sci. 2008 Dec;99(12):2444-54.

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