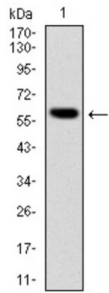
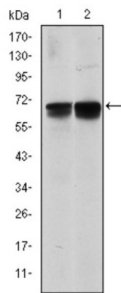


## B-Cell Linker Protein (BLNK) Antibody

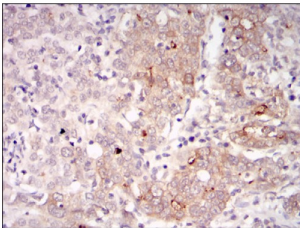
Catalogue No.: abx011968



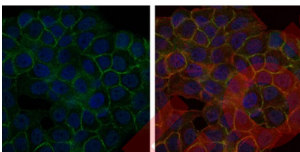
Western blot analysis using BLNK antibody against human BLNK (AA: 34-216) recombinant protein. (Expected MW is 60 kDa).



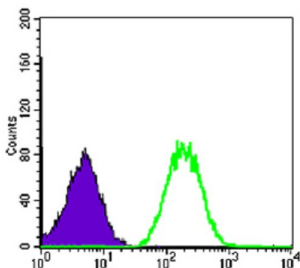
Western blot analysis using BLNK antibody against NIH/3T3 (1) and BCBL-1 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using BLNK antibody with DAB staining.



Immunofluorescence analysis of HepG2 cells using BLNK antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555 phalloidin.

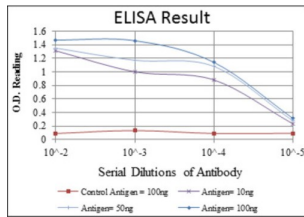


Flow cytometric analysis of NIH/3T3 cells using BLNK antibody (green) and negative control (purple).

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Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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.

**Target:** B-Cell Linker Protein (BLNK)

**Clonality:** Monoclonal

**Reactivity:** Human, Mouse

**Tested Applications:** ELISA, WB, IHC, IF/ICC, FCM

**Host:** Mouse

**Recommended dilutions:** ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Purified recombinant fragment of human BLNK expressed in E. coli.

**Isotype:** IgG<sub>1</sub>

**Form:** Liquid

**Purification:** Unpurified ascites.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** Q8WV28 ([UniProt](#), [ExPASy](#))

**GeneID:** [29760](#)

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**KEGG:** hsa:29760

**String:** [9606.ENSP00000224337](#)

**Molecular Weight:** 68 kDa

**Buffer:** Ascitic fluid containing 0.03% sodium azide.

**Concentration:** Not determined.

**Note:** This product is for research use only.

For Reference Only