

B-cell linker protein antibody

Catalog No: #22943



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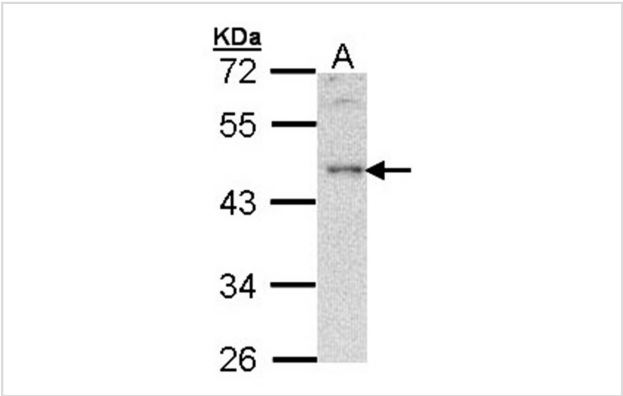
Description

Product Name	B-cell linker protein antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 394 and 456 of BLNK
Target Name	B-cell linker protein
Accession No.	Swiss-Prot:Q8WV28Gene ID:29760
Uniprot	Q8WV28
GeneID	29760;
Concentration	1mg/ml
Formulation	Supplied in 1XPBS, 40% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

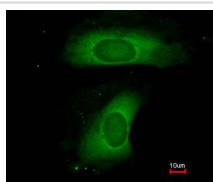
Application Details

Predicted MW: 50kd
Western blotting: 1:500-1:3000
Immunofluorescence: 1:100-1:200

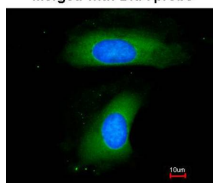
Images



Sample (30 ug of whole cell lysate)  
A: Hela  
10% SDS PAGE  
Primary antibody diluted at 1: 500



Merged with DNA probe



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using B-cell linker protein antibody at 1: 200 dilution.

## 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 encoding different isoforms have been found for this gene. [provided by RefSeq]

Note: This product is for in vitro research use only