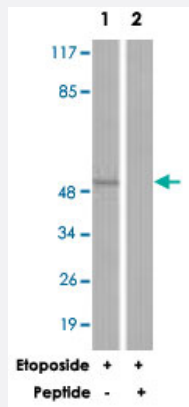


BLNK polyclonal antibody

Catalog # PAB18236 Size 100 ug

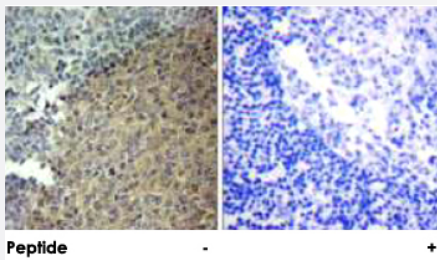
Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells, treated with etoposide (25 uM, 24 hours), using BLNK polyclonal antibody (Cat # PAB18236).

Peptide "+" means "peptide blocking".



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using BLNK polyclonal antibody (Cat # PAB18236).

Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of BLNK.
Immunogen	A synthetic peptide corresponding to residues surrounding Y96 of human BLNK.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody is specific to BLNK.
Form	Liquid

Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — BLNK

Entrez GeneID	29760
Protein Accession#	Q8WV28
Gene Name	BLNK
Gene Alias	BASH, BLNK-S, LY57, MGC111051, SLP-65, SLP65
Gene Description	B-cell linker
Omim ID	604515
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

B cell linker protein|B-cell adapter containing a SH2 domain protein|B-cell adapter containing a Src homology 2 domain protein|OTTHUMP00000020167|Src homology 2 domain-containing leukocyte protein of 65 kDa

Publication Reference

- [The adaptor protein BLNK is required for b cell antigen receptor-induced activation of nuclear factor-kappa B and cell cycle entry and survival of B lymphocytes.](#)

Tan JE, Wong SC, Gan SK, Xu S, Lam KP.

The Journal of Biological Chemistry 2001 Jun; 276(23):20055.

- [Adapter proteins SLP-76 and BLNK both are expressed by murine macrophages and are linked to signaling via Fc gamma receptors I and II/III.](#)

Bonilla FA, Fujita RM, Pivniouk VI, Chan AC, Geha RS.

PNAS 2000 Feb; 97(4):1725.

Application: IP-WB, WB-Ce, Mouse, Bone marrow-derived macrophages

Pathway

- [B cell receptor signaling pathway](#)
- [Primary immunodeficiency](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)