

RecomAb™

# BLNK recombinant monoclonal antibody, clone BLNKY84-H4 (PE)

Catalog # RAB03017      Size 100 Reactions

## Applications

### Flow Cytometry

Flow cytometric analysis of Daudi cells unstained untreated cells as negative control (blue) or stained untreated (red) or treated with IFN $\alpha$  + IL-4 + pervanadate (green) using Phospho-BLNK (Tyr84) antibody BLNKY84-H4 PE conjugate.

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human BLNK.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	A synthetic phospho-peptide corresponding to residues surrounding Tyr84 of human phospho BLNK
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Conjugation</b>	PE
<b>Purification</b>	Protein A purification, Protein G purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Flow Cytometry The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	1X PBS, 0.09% Sodium azide, 0.2% BSA
<b>Storage Instruction</b>	Store at 4°C. Do not freeze.

## Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Flow Cytometry

Flow cytometric analysis of Daudi cells unstained untreated cells as negative control (blue) or stained untreated (red) or treated with IFN $\alpha$  + IL-4 + pervanadate (green) using Phospho-BLNK (Tyr84) antibody BLNKY84-H4 PE conjugate.

## 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

## Pathway

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

## Disease

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