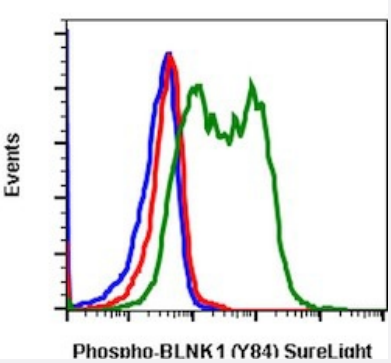
BLNK (phospho Y84) monoclonal antibody, clone H4 (SureLight 488)

Catalog # MAB23485 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of Ramos cells with BLNK (phospho Y84) monoclonal antibody, clone H4 (SureLight 488) (Cat # MAB23485). Unstained and untreated cells as negative control (blue) or untreated and stained (red) or treated with INFa+IL-4 +pervanadate and stained (green).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human BLNK.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Y84 of human BLNK.
Host	Rabbit
Reactivity	Human
Form	Liquid
Conjugation	SureLight 488
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (5 uL/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).

Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — BLNK

Entrez GeneID	29760
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 develo pment. This protein bridges B cell receptor-associated kinase activation with downstream signali ng pathways, thereby affecting various biological functions. The phosphorylation of five tyrosine re sidues 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 t he pro- to pre-B-cell transition is developmentally blocked. Deficiency in this protein has also bee n shown in some cases of pre-B acute lymphoblastic leukemia. Alternatively spliced transcript vari ants 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 Sr c homology 2 domain protein|OTTHUMP00000020167|Src homology 2 domain-containing leukoc yte protein of 65 kDa

Pathway

- B cell receptor signaling pathway
- Primary immunodeficiency

Disease

- Alzheimer Disease
- Genetic Predisposition to Disease
- Tobacco Use Disorder