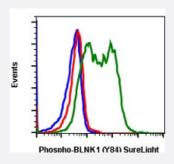


BLNK (phospho Y84) monoclonal antibody, clone H4 (SureLight 488)

Catalog # MAB21629 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of Ramos cells with BLNK (phospho Y84) monoclonal antibody, clone H4 (SureLight 488) (Cat # MAB21629). 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	lgG1, 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).



Product Information

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.

Applications

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Gene Info — BLNK	
Entrez GenelD	<u>29760</u>
Protein Accession#	Q8WV28
Gene Name	BLNK
Gene Alias	BASH, BLNK-S, LY57, MGC111051, SLP-65, SLP65
Gene Description	B-cell linker
Omim ID	<u>604515</u>
Gene Ontology	<u>Hyperlink</u>
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 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 proto 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 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