BLNK (Human) Cell-Based ELISA Kit

Catalog # KA2612 Size 1 Kit

Specification

Product Description	BLNK (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of BLNK expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

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

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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

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