

For Research Use Only

BLNK Recombinant monoclonal antibody, PBS Only

Catalog Number: 87170-3-PBS



Basic Information

Catalog Number: 87170-3-PBS	GenBank Accession Number: NM_013314.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 29760	CloneNo.: 252383A9
Source: Rabbit	UNIPROT ID: Q8WV28-1	
Isotype: IgG	Full Name: B-cell linker	
Immunogen Catalog Number: EG6610	Calculated MW: 50 kDa	
	Observed MW: 68-70 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

BLNK is 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.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

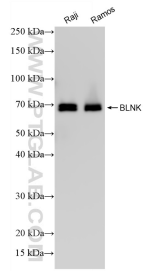
For technical support and original validation data for this product please contact:

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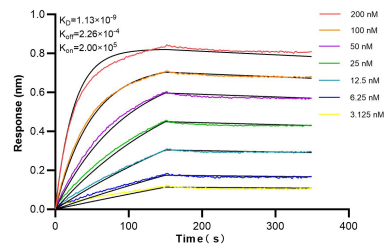
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87170-3-RR (BLNK antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87170-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87170-3-RR against Human LY86 were performed. The affinity constant is 1.13 nM.