

For Research Use Only

# BLNK Recombinant monoclonal antibody

Catalog Number:87170-3-RR



## Basic Information

Catalog Number:

87170-3-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG6610

GenBank Accession Number:

NM\_013314.4

GeneID (NCBI):

29760

UNIPROT ID:

Q8WV28-1

Full Name:

B-cell linker

Calculated MW:

50 kDa

Observed MW:

68-70 kDa

Purification Method:

Protein A purification

CloneNo.:

252383A9

Recommended Dilutions:

WB: 1:1000-1:8000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Raji cells, Sp2/O cells, Ramos cells

## 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

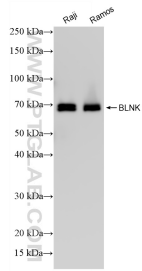
T: 4006900926

E: Proteintech-CN@ptglab.com

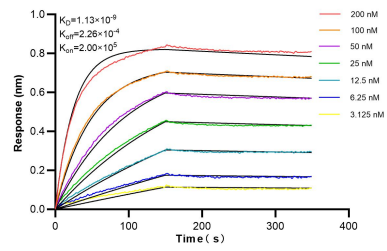
W: ptgcn.com

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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.



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