

For Research Use Only

# PI4KB Recombinant monoclonal antibody

Catalog Number:86285-3-RR



## Basic Information

Catalog Number:

86285-3-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3989

GenBank Accession Number:

BC040300

GeneID (NCBI):

5298

UNIPROT ID:

Q9UBF8

Full Name:

phosphatidylinositol 4-kinase,  
catalytic, beta

Calculated MW:

801 aa, 90 kDa

Observed MW:

100 kDa

Purification Method:

Protein A purification

CloneNo.:

250858C4

Recommended Dilutions:

WB: 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : K-562 cells, Jurkat cells, HeLa cells, SH-SY5Y cells,  
BxPC-3 cells, NIH/3T3 cells

## Background Information

PI4KB(phosphatidylinositol 4-kinase beta) is also named as PIK4CB, NPIK, PI4K92 and belongs to the PI3/PI4-kinase family. It may regulate Golgi disintegration/reorganization during mitosis, possibly via its phosphorylation and involved in Golgi-to-plasma membrane trafficking. PI4KB is a type III enzyme that is sensitive to wortmannin(PMID:9020160). This protein has 3 isoforms produced by alternative splicing.

## 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:

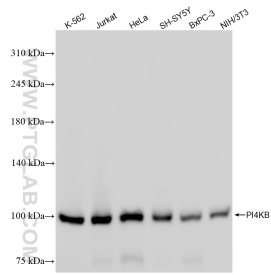
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E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86285-3-RR (PI4KB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.