

For Research Use Only

PI4KB Recombinant monoclonal antibody, PBS Only

Catalog Number: 86285-3-PBS



Basic Information

Catalog Number:

86285-3-PBS

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

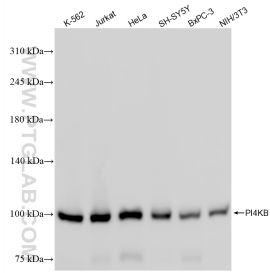
T: 4006900926

E: Proteintech-CN@ptglab.com

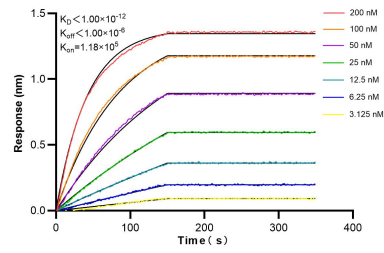
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86285-3-RR (PI4KB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86285-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86285-3-RR against Human PI4KB were performed. The affinity constant is below 1 pM.