

For Research Use Only

PI4KB Recombinant monoclonal antibody, PBS Only

Catalog Number:86285-3-PBS



Basic Information

Catalog Number: 86285-3-PBS	GenBank Accession Number: BC040300	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5298	CloneNo.: 250858C4
Source: Rabbit	UNIPROT ID: Q9UBF8	
Isotype: IgG	Full Name: phosphatidylinositol 4-kinase, catalytic, beta	
Immunogen Catalog Number: AG3989	Calculated MW: 801 aa, 90 kDa	
	Observed MW: 100 kDa	

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.

Storage Buffer:
PBS only, pH7.3

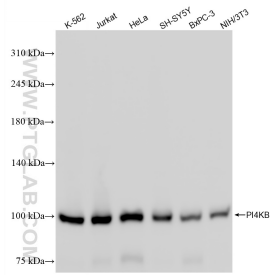
For technical support and original validation data for this product please contact:

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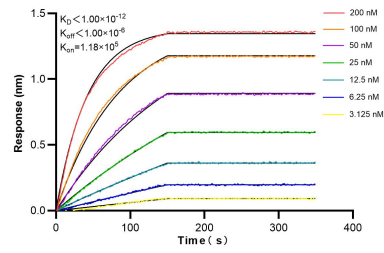
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W: ptglab.com

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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.