

For Research Use Only

PIGK Recombinant antibody

Catalog Number: 84568-3-RR



Basic Information

Catalog Number: 84568-3-RR	GenBank Accession Number: BC026186	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10026	CloneNo.: 241989D4
Source: Rabbit	UNIPROT ID: Q92643	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: phosphatidylinositol glycan anchor biosynthesis, class K	
Immunogen Catalog Number: AG3497	Calculated MW: 45 kDa	
	Observed MW: 40-45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, K-562 cells, HeLa cells, HT-1080 cells, U-87 MG cells
Species Specificity: human	

Background Information

Phosphatidylinositol glycan, class K (PIGK), is a crucial member of the glycosyl-phosphatidylinositol transamidase (GPIT) protein complex that attaches a diverse group of macromolecules to the plasma membrane of eukaryotes. The human PIGK gene is involved in the key step of transferring GPI-anchor to the respective protein molecules in the plasma membrane (PMID: 22824918). Endogenous PIGK has 2 isoforms, 45 kDa and 36 kDa (PMID: 34193731).

Storage

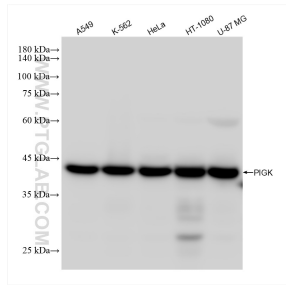
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

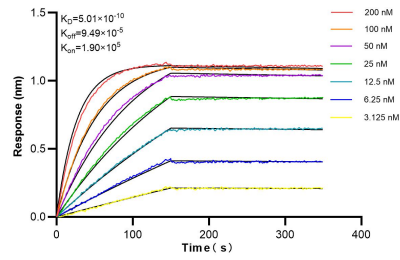
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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 84568-3-RR (PIGK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84568-3-RR against Human PIGK were performed. The affinity constant is 0.501 nM.