

For Research Use Only

PIGK Recombinant antibody, PBS Only

Catalog Number: 84568-3-PBS



Basic Information

Catalog Number:

84568-3-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3497

GenBank Accession Number:

BC026186

GeneID (NCBI):

10026

UNIPROT ID:

Q92643

Full Name:

phosphatidylinositol glycan anchor biosynthesis, class K

Calculated MW:

45 kDa

Observed MW:

40-45 kDa

Purification Method:

Protein A purification

CloneNo.:

241989D4

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS Only

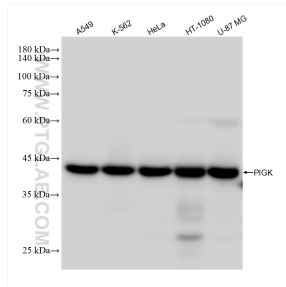
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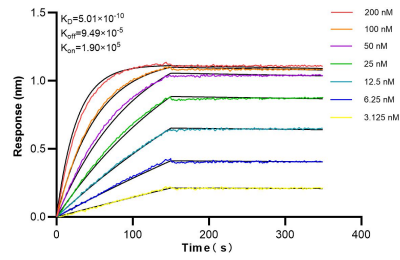
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Selected Validation Data



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. This data was developed using the same antibody clone with 84568-3-PBS in a different storage buffer formulation.



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