

For Research Use Only

Glycerokinase Recombinant monoclonal antibody, PBS Only

Catalog Number: 86604-3-PBS



Basic Information

Catalog Number: 86604-3-PBS	GenBank Accession Number: BC037549	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 2710	CloneNo.: 251506G8
Isotype: IgG	UNIPROT ID: P32189	
Immunogen Catalog Number: AG4175	Full Name: glycerol kinase	
	Calculated MW: 524 aa, 57 kDa	
	Observed MW: 50-60 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Glycerokinase, also known as glycerol kinase (GK, EC 2.7.1.30), is a widely conserved phosphotransferase that catalyzes the ATP-dependent phosphorylation of glycerol to generate sn-glycerol-3-phosphate (G3P). Glycerokinase exists as four isoforms with apparent molecular masses of 61 kDa, 57 kDa, 61 kDa, and 58 kDa.

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:

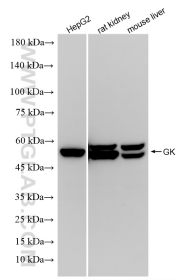
T: 4006900926

E: Proteintech-CN@ptglab.com

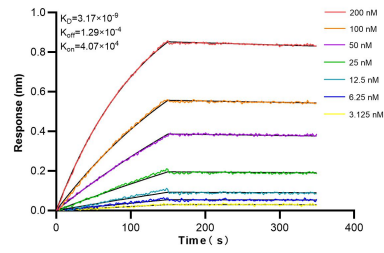
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86604-3-RR (GK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86604-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86604-3-RR against Human Glyceral kinase were performed. The affinity constant is 3.17 nM.