

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
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2710	CloneNo.: 251506G8
Source: Rabbit	UNIPROT ID: P32189	
Isotype: IgG	Full Name: glycerol kinase	
Immunogen Catalog Number: AG4175	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

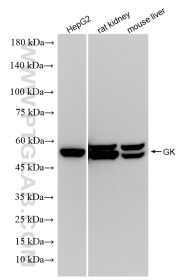
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

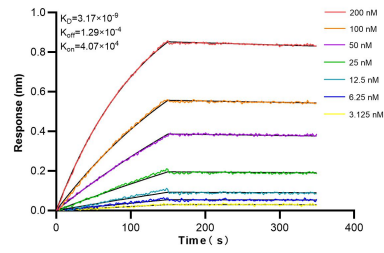
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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 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 Glyceraldehyde 3-phosphate kinase were performed. The affinity constant is 3.17 nM.