

For Research Use Only

PGK2 Monoclonal antibody, PBS Only



Catalog Number: 68228-1-PBS

Basic Information

Catalog Number: 68228-1-PBS	GenBank Accession Number: BC038843	Purification Method: Protein G purification
Size: 1mg/ml	GeneID (NCBI): 5232	CloneNo.: 3D4F2
Source: Mouse	UNIPROT ID: P07205	
Isotype: IgG1	Full Name: phosphoglycerate kinase 2	
Immunogen Catalog Number: AG20631	Calculated MW: 417 aa, 45 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications:
WB, IF-P, Indirect ELISA

Species Specificity:
Human, Rat, Pig, Mouse

Background Information

PGK2, phosphoglycerate kinase 2, which belongs to the phosphoglycerate kinase superfamily. It catalyzes the first ATP-generating step in the central metabolic pathway of glycolysis, converting 1,3-bisphosphoglycerate and ADP to 3-phosphoglycerate and ATP.

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

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

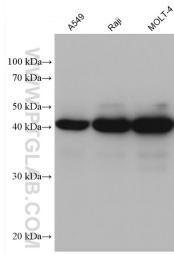
T: 4006900926

E: Proteintech-CN@ptglab.com

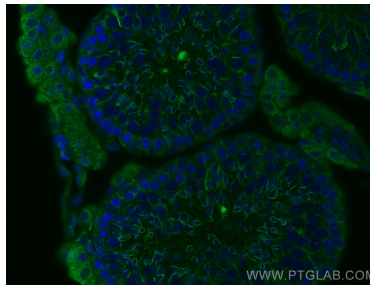
W: ptgcn.com

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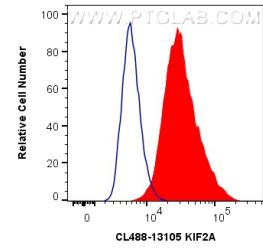
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68228-1-Ig (PGK2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68228-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using PGK2 antibody (68228-1-Ig, Clone: 3D4F2) at dilution of 1:500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68228-1-PBS in a different storage buffer formulation.



1×10^6 A549 cells were intracellularly stained with 0.4 ug Anti-Human PGK2 (68228-1-Ig, Clone:3D4F2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 68228-1-PBS in a