

For Research Use Only

# INPP5E Monoclonal antibody, PBS Only



Catalog Number: 68602-1-PBS

## Basic Information

Catalog Number: 68602-1-PBS	GenBank Accession Number: BC028032	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 56623	CloneNo.: 2B3D6
Source: Mouse	UNIPROT ID: Q9NRR6	
Isotype: IgG2a	Full Name: inositol polyphosphate-5-phosphatase, 72 kDa	
Immunogen Catalog Number: AG11959	Calculated MW: 644 aa, 70 kDa	
	Observed MW: 72 kDa	

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
Human

## Background Information

INPP5E (72 kDa inositol polyphosphate 5-phosphatase) converts phosphatidylinositol 3,4,5-trisphosphate (PtdIns 3,4,5-P3) to PtdIns-P2. In mouse, highest protein expression was in brain, heart, and testis, with lower expression in thymus and lung, and very little expression in kidney, spleen, and liver (PMID:10764818). Defects in INPP5E are the cause of Joubert syndrome type 1 (JBT51) and mental retardation-truncal obesity-retinal dystrophy-micropenis (MORMS) (PMID:19668215).

## 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:

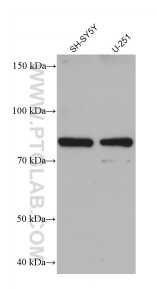
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

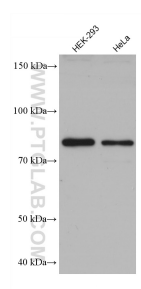
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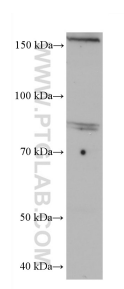
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68602-1-Ig (INPP5E antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68602-1-PBS in a different storage buffer formulation.



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HaCaT cells were subjected to SDS PAGE followed by western blot with 68602-1-Ig (INPP5E antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68602-1-PBS in a different storage buffer formulation.