

For Research Use Only

# INPP5F Recombinant monoclonal antibody

Catalog Number: 87311-1-RR



## Basic Information

<b>Catalog Number:</b> 87311-1-RR	<b>GenBank Accession Number:</b> BC111493	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 22876	<b>CloneNo.:</b> 252661F2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y2H2	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Isotype:</b> IgG	<b>Full Name:</b> inositol polyphosphate-5-phosphatase F	
<b>Immunogen Catalog Number:</b> AG39933	<b>Calculated MW:</b> 1132 aa, 128 kDa	
	<b>Observed MW:</b> 128-140 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> HeLa cells, H9C2 cells, mouse heart tissue, HEK-293 cells, MCF-7 cells

## Background Information

INPP5F can negatively regulates STAT3 signaling pathway through inhibition of STAT3 phosphorylation and translocation to the nucleus.

## Storage

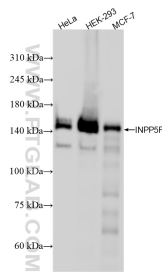
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

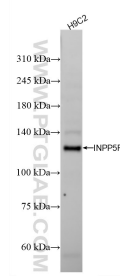
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

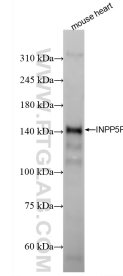
## Selected Validation Data



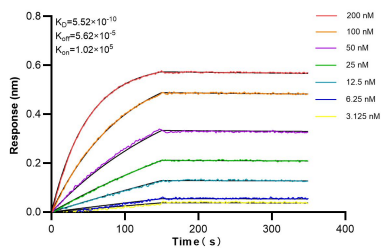
Various lysates were subjected to SDS PAGE followed by western blot with 87311-1-RR (INPP5F antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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Biolayer interferometry (BLI) kinetic assays of 87311-1-RR against Human INPP5F were performed. The affinity constant is 0.552 nM.