

For Research Use Only

# PIAS1 Recombinant antibody, PBS Only



Catalog Number: 82873-2-PBS

## Basic Information

<b>Catalog Number:</b> 82873-2-PBS	<b>GenBank Accession Number:</b> BC121797	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1mg/ml	<b>GeneID (NCBI):</b> 8554	<b>CloneNo.:</b> 1C22
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O75925	
<b>Isotype:</b> IgG	<b>Full Name:</b> protein inhibitor of activated STAT, 1	
<b>Immunogen Catalog Number:</b> AG18132	<b>Calculated MW:</b> 651 aa, 72 kDa	
	<b>Observed MW:</b> 72 kDa	

## Applications

**Tested Applications:**  
WB, IF, IHC, Indirect ELISA

**Species Specificity:**  
Human, mouse

## Background Information

### 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:

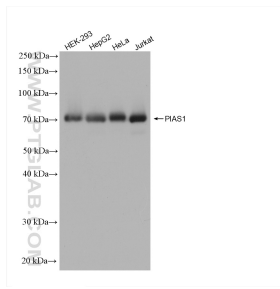
T: 4006900926

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

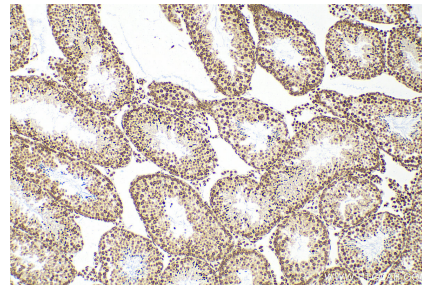
W: [ptgcn.com](http://ptgcn.com)

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

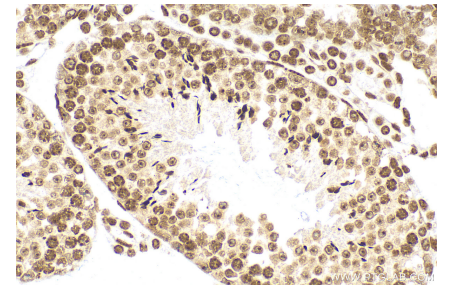
## Selected Validation Data



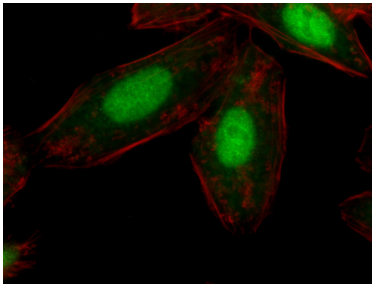
Various lysates were subjected to SDS PAGE followed by western blot with 82873-2-RR (PIAS1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82873-2-PBS in a different storage buffer formulation.



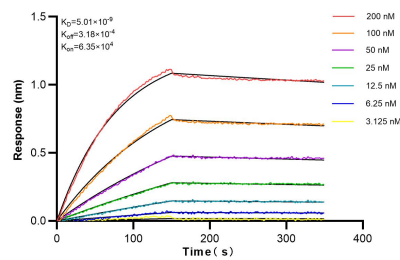
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 82873-2-RR (PIAS1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82873-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 82873-2-RR (PIAS1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82873-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PIAS1 antibody (82873-2-RR, Clone: 1C22) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 82873-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82873-2-RR against Human PIAS1 were performed. The affinity constant is 5.01 nM.