

For Research Use Only

# TJAP1 Monoclonal antibody, PBS Only



Catalog Number: 68495-1-PBS

## Basic Information

<b>Catalog Number:</b> 68495-1-PBS	<b>GenBank Accession Number:</b> BC064401	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 93643	<b>CloneNo.:</b> 1H1F10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q5JTD0	
<b>Isotype:</b> IgG1	<b>Full Name:</b> tight junction associated protein 1 (peripheral)	
<b>Immunogen Catalog Number:</b> AG11807	<b>Calculated MW:</b> 547 aa, 61 kDa	
	<b>Observed MW:</b> 86-95 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human, Mouse , Rat

## Background Information

TJAP1, also named as PILT and TJP4, is colocalized at the tight junctions. TJAP1 has some forms with MW 60 kDa (native) and 86-90 kDa (modified).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

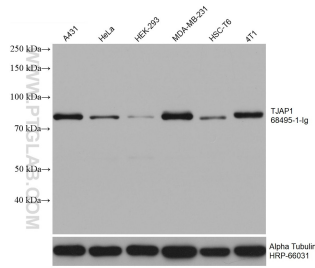
For technical support and original validation data for this product please contact:

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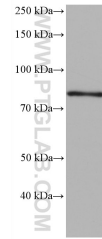
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68495-1-Ig (TJAP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 68495-1-PBS in a different storage buffer formulation.



HepG2 cells were subjected to SDS PAGE followed by western blot with 68495-1-Ig (TJAP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68495-1-PBS in a different storage buffer formulation.