

For Research Use Only

# TJAP1 Monoclonal antibody

Catalog Number: 68495-1-Ig



## Basic Information

<b>Catalog Number:</b> 68495-1-Ig	<b>GenBank Accession Number:</b> BC064401	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 93643	<b>CloneNo.:</b> 1H1F10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q5JTD0	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<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

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> A431 cells, HepG2 cells, HeLa cells, HEK-293 cells, MDA-MB-231 cells, HSC-T6 cells, 4T1 cells

## 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

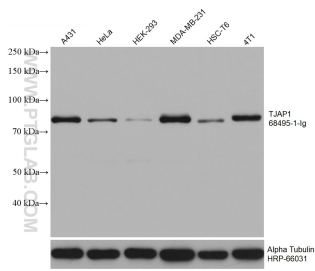
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

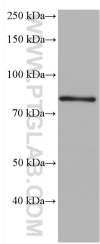
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Selected Validation Data



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.



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.