

For Research Use Only

# TJAP1 Monoclonal antibody, PBS Only



Catalog Number: 68495-1-PBS

## Basic Information

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

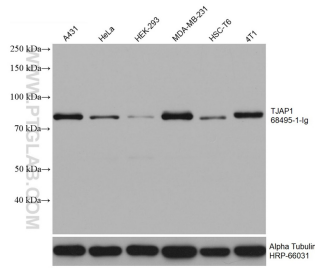
T: 4006900926

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

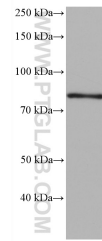
W: [ptgcn.com](http://ptgcn.com)

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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.