## For Research Use Only

## TJAP1 Monoclonal antibody

Catalog Number: 68495-1-lg



**Purification Method:** 

WB 1:5000-1:50000

**Basic Information** 

Catalog Number: GenBank Accession Number:

68495-1-lg BC064401 Protein G purification GeneID (NCBI): CloneNo.: Size:

150ul, Concentration: 1000 ug/ml by 93643 1H1F10 Nanodrop; Recommended Dilutions:

**UNIPROT ID:** Q5JTD0 Mouse Full Name:

Isotype: tight junction associated protein 1

lgG1 (peripheral) Immunogen Catalog Number: Calculated MW: AG11807 547 aa, 61 kDa

> Observed MW: 86-95 kDa

**Applications** 

**Tested Applications:** Positive Controls:

WB, ELISA WB: A431 cells, HepG2 cells, HeLa cells, HEK-293 cells, Species Specificity:

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:

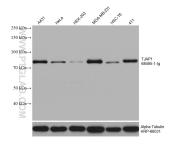
Human, Mouse, Rat

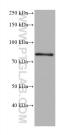
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

## Selected Validation Data





Various lysates were subjected to SDS PAGE followed by western blot with 68495-1-lg (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 68495-1-1g (TJAP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.