

For Research Use Only

TJAP1 Recombinant monoclonal antibody

Catalog Number:87106-3-RR



Basic Information

Catalog Number: 87106-3-RR	GenBank Accession Number: BC064401	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 93643	CloneNo.: 252301G9
Source: Rabbit	UNIPROT ID: Q5JTDO	Recommended Dilutions: WB: 1:2000-1:10000 IF/ICC: 1:250-1:1000
Isotype: IgG	Full Name: tight junction associated protein 1 (peripheral)	
Immunogen Catalog Number: AG12174	Calculated MW: 547 aa, 61 kDa	
	Observed MW: 86-90 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : A431 cells, MDA-MB-231 cells, HSC-T6 cells, 4T1 cells IF/ICC : A431 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

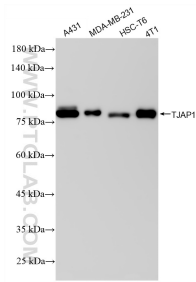
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

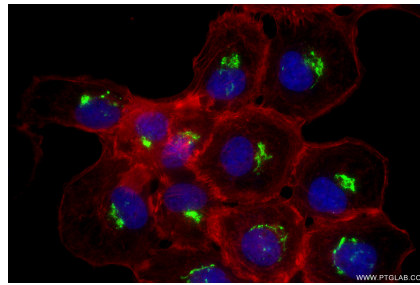
E: proteintech@ptglab.com
W: ptglab.com

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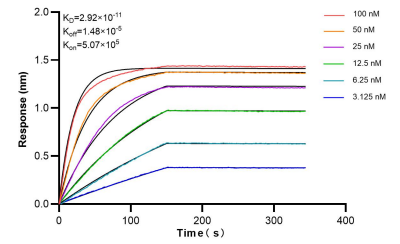
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87106-3-RR (TJP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using TJP1 antibody (87106-3-RR, Clone: 252301G9) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Bi-layer interferometry (BLI) kinetic assays of 87106-3-RR against Human TJP1 were performed. The affinity constant is 29.2 nM.