

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
Source: Rabbit	GeneID (NCBI): 93643	CloneNo.: 252301G9
Isotype: IgG	UNIPROT ID: Q5JTD0	Recommended Dilutions: WB: 1:2000-1:10000 IF/ICC: 1:250-1:1000
Immunogen Catalog Number: AG12174	Full Name: tight junction associated protein 1 (peripheral)	
	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

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

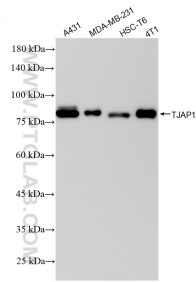
T: 4006900926

E: Proteintech-CN@ptglab.com

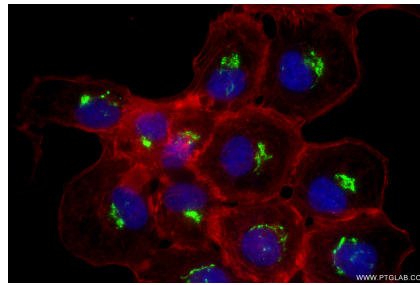
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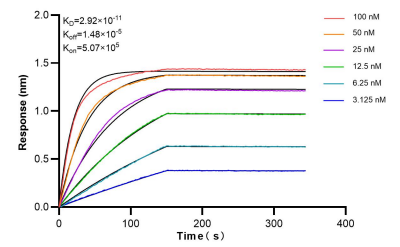
Selected Validation Data



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.