

For Research Use Only

TMIGD1 Recombinant monoclonal antibody

Catalog Number: 84130-6-RR



Basic Information

Catalog Number: 84130-6-RR	GenBank Accession Number: BC137201	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 388364	CloneNo.: 250723F6
Source: Rabbit	UNIPROT ID: Q6UXZO	Recommended Dilutions: WB: 1:1000-1:4000 IF-P: 1:200-1:800
Isotype: IgG	Full Name: transmembrane and immunoglobulin domain containing 1	
Immunogen Catalog Number: AG25691	Calculated MW: 262 aa, 29 kDa	
	Observed MW: 45 kDa, 29 kDa	

Applications

Tested Applications: WB, IF-P, ELISA	Positive Controls:
Species Specificity: human, mouse, rat, dog	WB : Daudi cells, HUVEC cells, Raji cells, MDCK cells IF-P : rat small intestine tissue, mouse small intestine tissue

Background Information

TMIGD1 (Transmembrane and immunoglobulin domain containing 1) is involved in various cellular processes such as regulation of cell structure, cell-cell adhesion, and cellular movement. It protects cells from oxidative- and nutrient-deprivation-induced cell injury by stabilizing the transepithelial electric resistance and permeability of renal epithelial cells. TMIGD1 has a calculated molecular mass of 29 kDa, and can be detected as 45 kDa due to the N-glycosylation (PMID: 26342724).

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

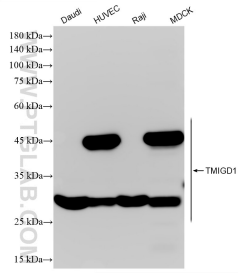
For technical support and original validation data for this product please contact:

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

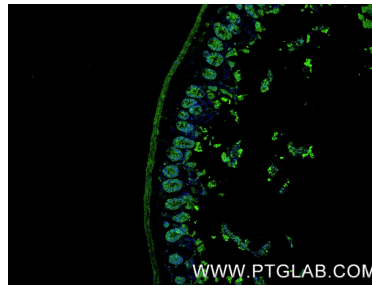
E: proteintech@ptglab.com
W: ptglab.com

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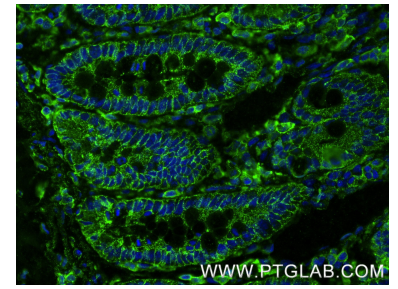
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84130-6-RR (TMIGD1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse small intestine tissue using TMIGD1 antibody (84130-6-RR, Clone: 250723F6) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat small intestine tissue using TMIGD1 antibody (84130-6-RR, Clone: 250723F6) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).