

For Research Use Only

# MARVELD2 Recombinant antibody

Catalog Number: 86188-1-RR



## Basic Information

<b>Catalog Number:</b> 86188-1-RR	<b>GenBank Accession Number:</b> BC033689	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 153562	<b>CloneNo.:</b> 250774G9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N4S9	<b>Recommended Dilutions:</b> WB: 1:1000-1:6000 IF/ICC: 1:250-1:1000
<b>Isotype:</b> IgG	<b>Full Name:</b> MARVEL domain containing 2	
<b>Immunogen Catalog Number:</b> AG4446	<b>Calculated MW:</b> 558 aa, 64 kDa	
	<b>Observed MW:</b> 60-64 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> WB : HeLa cells, MCF-7 cells
<b>Species Specificity:</b> human	<b>IF/ICC :</b> MCF-7 cells,

## Background Information

MARVELD2, also named as Tricellulin or TRIC, is a 558 amino acid protein, which contains one MARVEL domain. MARVELD2 localizes the cell membrane and plays a role in the formation of the epithelial barriers. MARVELD2, is a first integral membrane protein that is concentrated at the vertically oriented tight junction strands of tricellular contacts. MARVELD2 may be a component to maintain the integrity for peripheral nervous system myelin function and morphology.

## 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

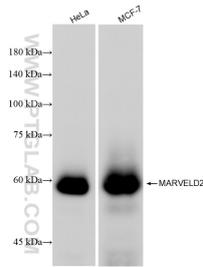
For technical support and original validation data for this product please contact:

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

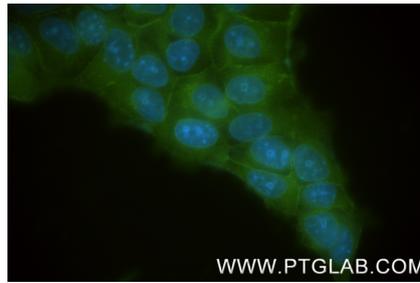
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86188-1-RR (MARVELD2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using MARVELD2 antibody (86188-1-RR, Clone: 250774G9) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).