

For Research Use Only

Gamma Catenin Recombinant monoclonal antibody

Catalog Number: 88895-2-RR



Basic Information

Catalog Number: 88895-2-RR	GenBank Accession Number: BC011865	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3728	CloneNo.: 261780E6
Source: Rabbit	UNIPROT ID: P14923	Recommended Dilutions: WB: 1:1000-1:4000 IF/ICC: 1:250-1:1000
Isotype: IgG	Full Name: junction plakoglobin	
Immunogen Catalog Number: AG1627	Calculated MW: 82 kDa	
	Observed MW: 82 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse, canine	WB : HEK-293 cells, MDCK cells, C2C12 cells, A431 cells, MCF-7 cells, MDA-MB-231 cells, mouse heart tissue
	IF/ICC : HT-29 cells,

Background Information

Plakoglobin (γ -catenin), a member of the Armadillo proteins, plays important roles in cell adhesion with α -catenin and β -catenin, is involved in Wnt signaling, and is translocated into the nucleus and binds LEF1. Plakoglobin is a major cytoplasmic component of both desmosomes and adherens junctions, and is the only known constituent common to submembranous plaques in both of these structures, which are located at the intercalated disc (ICD) of cardiomyocytes. Plakoglobin links cadherins to the actin cytoskeleton. Mutations in plakoglobin are associated with arrhythmogenic right ventricular dysplasia and Pemphigus vulgaris.

Storage

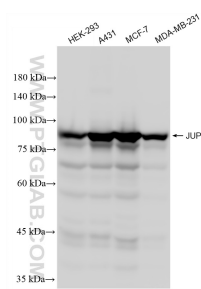
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

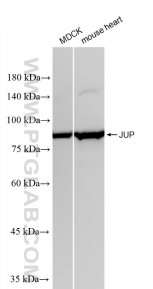
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

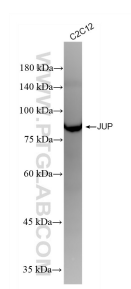
Selected Validation Data



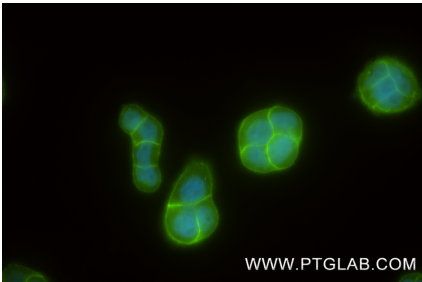
Various lysates were subjected to SDS PAGE followed by western blot with 88895-2-RR (JUP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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C2C12 cells lysates were subjected to SDS PAGE followed by western blot with 88895-2-RR (JUP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HT-29 cells using Gamma Catenin antibody (88895-2-RR, Clone: 261780E6) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).