

For Research Use Only

Mouse CD9 Recombinant antibody, PBS Only

Catalog Number: 84801-4-PBS



Basic Information

Catalog Number: 84801-4-PBS	GenBank Accession Number: NM_007657.3	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 12527	CloneNo.: 242432C2
Source: Rabbit	UNIPROT ID: P40240	
Isotype: IgG	Full Name: CD9 antigen	
	Calculated MW: 25 kDa	

Applications

Tested Applications:
IF/ICC, Indirect ELISA

Species Specificity:
mouse

Background Information

CD9, also known as Tspan-29, p24 or MIC3, is a member of the tetraspanin superfamily (PMID: 1879540). It is expressed on a large variety of hematopoietic and non-hematopoietic cells, such as stromal cells, megakaryocytes, platelets, B and T lymphocytes, dendritic cells, endothelial cells, mast cells, eosinophils, and basophils (PMID: 30356731). CD9 interacts with the integrin family and other membrane proteins, and is involved in cell adhesion, cell motility and tumor metastasis (PMID: 8478605; 21428940; 25805926). Expression of CD9 enhances membrane fusion between muscle cells and supports myotube maintenance (PMID:10459022). On oocytes, CD9 is hypothesized to play a role in the fertilization of mammals (PMID: 25536312).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

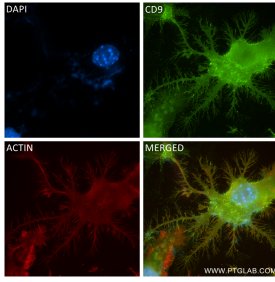
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed RAW 264.7 cells using CD9 antibody (84801-4-RR, Clone: 242432C2) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84801-4-PBS in a different storage buffer formulation.