

For Research Use Only

CD9 Recombinant antibody

Catalog Number: 84801-4-RR



Basic Information

Catalog Number: 84801-4-RR	GenBank Accession Number: NM_007657.3	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 12527	CloneNo.: 242432C2
Source: Rabbit	UNIPROT ID: P40240	Recommended Dilutions: IF/ICC 1:250-1:1000
Isotype: IgG	Full Name: CD9 antigen	
	Calculated MW: 25 kDa	

Applications

Tested Applications: IF/ICC, ELISA	Positive Controls: IF/ICC : RAW 264.7 cells,
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

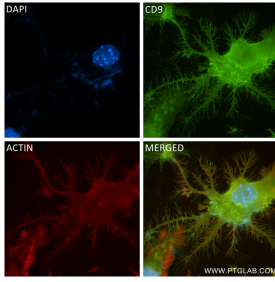
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Selected Validation Data



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).