

For Research Use Only

Anti-Human CD9 (MM2/57)

Catalog Number: 65070-1-Ig



Basic Information

Catalog Number: 65070-1-Ig	GenBank Accession Number: BC011988	Purification Method: Affinity purification
Size: 100ug, 0.1 mg/mL	GeneID (NCBI): 928	CloneNo.: MM2/57
Source: Mouse	UNIPROT ID: P21926	
Isotype: IgG2b	Full Name: CD9 molecule	
	Calculated MW: 228 aa, 25 kDa	

Applications

Tested Applications:
FC

Species Specificity:
Human

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 support myotube maintenance (PMID:10459022). On oocytes, CD9 is hypothesized to play a role in fertilization of mammals (PMID: 25536312).

Storage

Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
Borate buffered saline, pH 8.2.

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

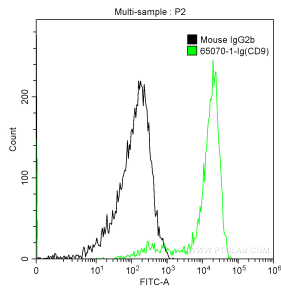
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Selected Validation Data



1X10⁶ human peripheral blood platelets were surface stained with 0.25 ug Anti-Human CD9 (65070-1-Ig, Clone: MM2/57) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), or stained with 0.25 ug mouse IgG2b isotype control and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (black). Cells were not fixed.