

For Research Use Only

# PE Anti-Human CD9 (MM2/57)

Catalog Number: PE-65070



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
PE-65070	BC011988	Affinity purification
Size:	GeneID (NCBI):	CloneNo.:
100tests , 10 µl/test	928	MM2/57
Source:	Full Name:	Excitation/Emission maxima
Mouse	CD9 molecule	wavelengths:
Isotype:	Calculated MW:	496 nm, 565 nm / 578 nm
IgG2b	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).

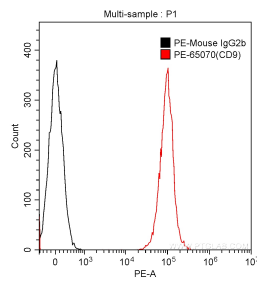
## Storage

Storage:  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.1% sodium azide and a stabilizer.

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)  
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## Selected Validation Data



1X10<sup>6</sup> human peripheral blood platelets were surface stained with 10 ul PE Anti-Human CD9 (PE-65070, Clone:MM2/57) (red) or PE-mouse IgG2b isotype control (black). Cells were not fixed.