

For Research Use Only

# Biotin Anti-Human CD9 (MM2/57)

Catalog Number: **Biotin-65070**



## Basic Information

**Catalog Number:**

Biotin-65070

**Size:**

100tests, 5  $\mu$  l/test

**Source:**

Mouse

**Isotype:**

IgG2b

**GenBank Accession Number:**

BC011988

**GeneID (NCBI):**

928

**UNIPROT ID:**

P21926

**Full Name:**

CD9 molecule

**Calculated MW:**

228 aa, 25 kDa

**Purification Method:**

Affinity purification

**CloneNo.:**

MM2/57

## 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.

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

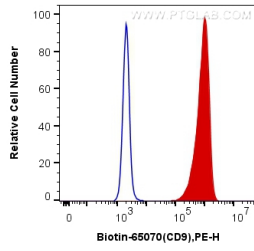
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



1X10<sup>6</sup> MCF-7 cells were surface stained with 5  $\mu$  l Biotin Anti-Human CD9 (Biotin-65070, Clone: MM2/57) (red) or Control Antibody (blue), followed by Streptavidin PE. Cells were not fixed.