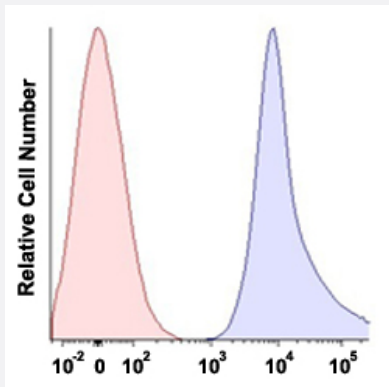


# CD9 monoclonal antibody, clone VJ1/20 (Biotin)

Catalog # MAB13773      Size 5 x 100 ug

## Applications



### Flow Cytometry

Flow cytometric analysis of human normal whole blood with CD9 monoclonal antibody, clone VJ1/20 (Biotin) (Cat # MAB13773).

## Specification

Product Description	Mouse monoclonal antibody raised against human CD9.
Immunogen	TNF activated HUVEC cells.
Host	Mouse
Theoretical MW (kDa)	25
Reactivity	Human
Form	Liquid
Conjugation	Biotin
Purification	Protein A/G purification
Purity	>90%
Isotype	IgG2a

**Recommend Usage**

Flow Cytometry (1 ug/10<sup>6</sup> cells)  
The optimal working dilution should be determined by the end user.

**Storage Buffer**

In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).

**Storage Instruction**

Store in the dark at 4°C. Avoid prolonged exposure to light.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Flow Cytometry

Flow cytometric analysis of human normal whole blood with CD9 monoclonal antibody, clone VJ1/20 (Biotin) (Cat # MAB13773).

## Gene Info — CD9

**Entrez GeneID**

[928](#)

**Protein Accession#**

[P21926](#)

**Gene Name**

CD9

**Gene Alias**

5H9, BA2, BTCC-1, DRAP-27, GIG2, MIC3, MRP-1, P24, TSPAN29

**Gene Description**

CD9 molecule

**Omim ID**

[143030](#)

**Gene Ontology**

[Hyperlink](#)

**Gene Summary**

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It can modulate cell adhesion and migration and also trigger platelet activation and aggregation. In addition, the protein appears to promote muscle cell fusion and support myotube maintenance. [provided by RefSeq]

**Other Designations**

5H9 antigen|CD9 antigen|CD9 antigen (p24)|OTTHUMP00000041574|OTTHUMP00000041576|antigen defined by monoclonal antibody 602-29|growth-inhibiting gene 2 protein|leukocyte antigen MIC3|motility related protein|motility related protein-1|p24 antigen

## Pathway

- [Hematopoietic cell lineage](#)

## Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Infertility](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)