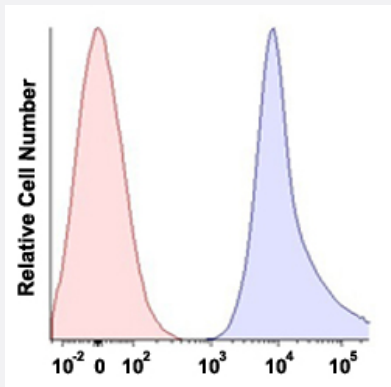


CD9 monoclonal antibody, clone VJ1/20 (PE)

Catalog # MAB13770 Size 5 x 100 reactions

Applications



Flow Cytometry

Flow cytometric analysis of human platelets with CD9 monoclonal antibody, clone VJ1/20 (PE) (Cat # MAB13770).

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	PE
Purification	Protein A/G purification
Purity	>90%
Isotype	IgG2a

Recommend Usage

Flow Cytometry (20 μ L/ 10^6 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 platelets with CD9 monoclonal antibody, clone VJ1/20 (PE) (Cat # MAB13770).

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](#)