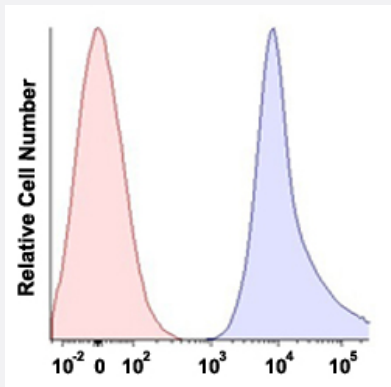


# CD9 monoclonal antibody, clone VJ1/20 (PE)

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

<b>Recommend Usage</b>	Flow Cytometry (20 $\mu$ L/ $10^6$ cells) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).
<b>Storage Instruction</b>	Store in the dark at 4°C. Avoid prolonged exposure to light.
<b>Note</b>	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

<b>Entrez GeneID</b>	<a href="#">928</a>
<b>Protein Accession#</b>	<a href="#">P21926</a>
<b>Gene Name</b>	CD9
<b>Gene Alias</b>	5H9, BA2, BTCC-1, DRAP-27, GIG2, MIC3, MRP-1, P24, TSPAN29
<b>Gene Description</b>	CD9 molecule
<b>Omim ID</b>	<a href="#">143030</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

<b>Gene Summary</b>	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]
<b>Other Designations</b>	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](#)