

Mouse CD9 Monoclonal Antibody | anti-CD9 antibody

Mouse Monoclonal [clone HI9a] (IgG1,k) to Human CD9

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51795	Mouse	Bovine, Dog, Horse, Human, Rabbit, Sheep	Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

CD9; Monoclonal Antibody; Mouse Monoclonal [clone HI9a] (IgG1; k) to Human CD9; Anti-CD9 Antibody (clone HI9a) IHC-plus; 5H9 antigen; BA2; BA-2/p24 antigen; CD9 antigen; CD9 antigen (p24); DRAP-27; MIC3; MRP-1; Leukocyte antigen MIC3; Tetraspanin-29; TSPAN29; BTCC-1; CD9 molecule; Motility related protein-1; Motility-related protein; TSPAN-29; Human CD9; anti-CD9 antibody

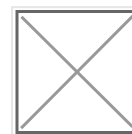
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Bovine, Dog, Horse, Human, Rabbit, Sheep
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	HI9a
Purity/Purification	Affinity Purified
Form/Format	PBS, pH 7.2, 0.09% sodium azide.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	228
Applicable Applications for anti-CD9 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Target Species	Human
Preparation and Storage	Store undiluted at 4 degrees C

IMAGES



FCM/FACS (Flow Cytometry)
Human platelets stained with purified HI9a, then detected with anti-mouse IgGs FITC.



IHC (Immunohistochemistry)
Anti-CD9 antibody IHC of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CD9 antibody	CD9 is a member of the tetraspan family of membrane proteins. First described on non-T acute lymphoblastic leukemia cells and developing B-lymphocytes it has since been shown to be involved in platelet activation and aggregation, gamete fusion, cell adhesion, cell motility, tumor metastasis, and intracellular signaling in the nervous system.
Product Categories/Family for anti-CD9 antibody	Family: Tetraspan

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502693
NCBI GeneID	928
NCBI Accession #	NP_001760.1
NCBI GenBank Nucleotide #	NM_001769.3
UniProt Accession #	P21926; Q5J7W6; Q96ES4; D3DUQ9
Molecular Weight	25,416 Da
NCBI Official Full Name	CD9 antigen
NCBI Official Synonym Full Names	CD9 molecule
NCBI Official Symbol	CD9
NCBI Official Synonym Symbols	MIC3; MRP-1; BTCC-1; DRAP-27; TSPAN29; TSPAN-29
NCBI Protein Information	CD9 antigen; 5H9 antigen; tetraspanin-29; BA-2/p24 antigen; CD9 antigen (p24); leukocyte antigen MIC3; motility related protein-1; cell growth-inhibiting gene 2 protein
UniProt Protein Name	CD9 antigen
UniProt Gene Name	CD9
UniProt Synonym Gene Names	MIC3; TSPAN29; MRP-1; Tspan-29
UniProt Entry Name	CD9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd9-antibody-clone-hi9a-flow-cytometry-immunohistochemistry-elisa/51795>