

Mouse CD9 Monoclonal Antibody | anti-CD9 antibody

MOUSE ANTI HUMAN CD9

CATALOG # AAA49729	HOST Mouse	APPLICATIONS Western Blot, Immunoprecipitation, Immunofluorescence, Flow Cytometry, Functional Assay
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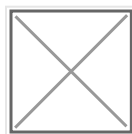
PRODUCT SYNONYMS

CD9; Monoclonal Antibody; MOUSE ANTI HUMAN CD9; anti-CD9 antibody

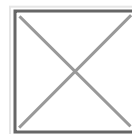
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	Bu16
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	228
Applicable Applications for anti-CD9 antibody	WB (Western Blot), IP (Immunoprecipitation), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES


Application Data

Staining of human peripheral blood platelets with Mouse anti Human CD9:FITC


Application Data

Staining of human peripheral blood platelets with Mouse anti Human CD9

ADDITIONAL INFORMATION

Related Product Information for anti-CD9 antibody	Mouse anti Human CD9 antibody, clone Bu16 detects human CD9, also known as Motility-related protein-1 (MRP-1). CD9 is a 24-27kD transmembrane protein which is a member of the tetraspanin family. It is thought that the main role of tetraspanins is to form signal transducing complexes with integrins at the cell surface, and for this reason CD9 has multiple functions in cell adhesion and motility, platelet activation, gamete fusion and cell proliferation. CD9 has a functional role as a tumour metastatic suppressor and is expressed in melanomas, and colon, lung and breast carcinomas
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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; BA-2/p24 antigen; CD9 antigen (p24); cell growth-inhibiting gene 2 protein; leukocyte antigen MIC3; motility related protein-1; tetraspanin-29
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-bu16-western-blot-immunoprecipitation-immunofluorescence-flow-cytometry-elisa/49729>