

Mouse anti-Human CD9 Monoclonal Antibody | anti-CD9 antibody

Anti-Human CD9 Monoclonal Antibody (FITC Conjugated)

CATALOG # AAA174742	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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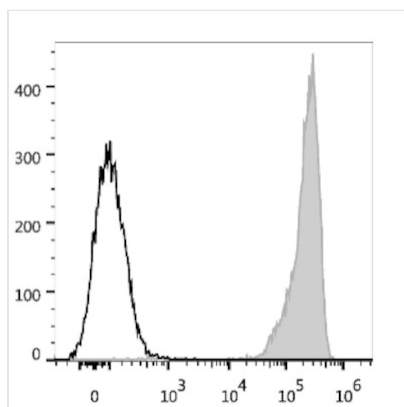
PRODUCT SYNONYMS

CD9; Monoclonal Antibody; Anti-Human CD9 Monoclonal Antibody (FITC Conjugated); CD9 antigen; 5H9 antigen; Cell growth-inhibiting gene 2 protein; Leukocyte antigen MIC3; MRP-1; Tspan-29; p24; MIC3; TSPAN29; anti-CD9 antibody

PRODUCT SPECIFICATIONS

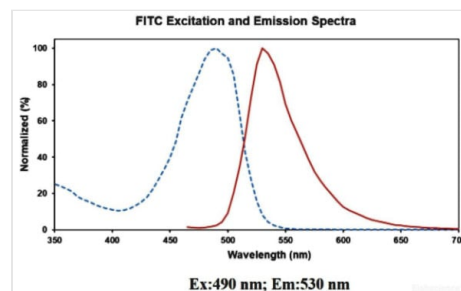
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, ?
Clone Number	HI9a
Form/Format	Liquid ; PBS with 0.05% Proclin300, 1% BSA
Sequence Length	228
Applicable Applications for anti-CD9 antibody	FCM/FACS (Flow Cytometry)
Conjugation	FITC
Usage	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 uL of antibody per test (million cells in 100 uL staining volume or per 100 uL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
Preparation and Storage	Store at 2-8°C and protected from prolonged exposure to light . Do not freeze. Keep as concentrated solution.

IMAGES



FCM/FACS (Flow Cytometry)

Human platelets are stained with FITC Anti-Human CD9 Antibody (filled gray histogram). Unstained platelets (empty black histogram) are used as control.



FCM/FACS (Flow Cytometry)

Fluorophore ; Conjugation: FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD9 antibody	CD9 is a 24 kD type III transmembrane protein also known as tetraspanin, MRP-1 and DRAP-24. It is a member of the tetraspan family (spanning the membrane four times) found on platelets, B cell progenitors, activated lymphocytes, granulocytes, endothelial cells and epithelial cells. CD9 induces adhesion, platelet aggregation, and B cell development. CD9 has been shown to associate with CD63, CD81, CD82, and CD36 and to bind to beta1 integrins.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34769
NCBI GeneID	928
UniProt Accession #	P21926
NCBI Official Full Name	MRP-1 (motility related protein)
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
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-elisa/174742>