

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

Anti-Ms CD9 Biotin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128520	Rat	Mouse	Immunocytochemistry, Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD9; Monoclonal Antibody; Anti-Ms CD9 Biotin; CD9 molecule; Mic3; Mrp-1; Btcc-1; Drap-27; Tspan-29; anti-CD9 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	EM-04
Specificity	The rat monoclonal antibody EM-04 recognizes an extracellular epitope of CD9 antigen, a 24 kDa transmembrane protein expressed on platelets, monocytes, pre-B lymphocytes, granulocytes and activated T lymphocytes.
Purity/Purification	The purified antibody is conjugated with biotin-LC-NHS under optimum conditions. The reagent is free of unconjugated biotin.
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	226
Applicable Applications for anti-CD9 antibody	ICC (Immunocytochemistry), WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	Permeabilized murine bone marrow-derived mast cells (BMMC).
Conjugation	Biotin
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD9 antibody	CD9 belongs to proteins of tetraspanin family that orchestrate cholesterol-associated tetraspanin-enriched signaling microdomains within the plasma membrane, forming complexes with each other as well as with integrins, membrane-anchored growth factors and other proteins. CD9 is involved in cell motility, osteoclastogenesis, neurite outgrowth, myotube formation, and sperm-egg fusion, plays roles in cell attachment and proliferation and is necessary for association of heterologous MHC II molecules on the dendritic cell plasma membrane which is important for effective T cell stimulation. CD9 is also considered as metastasis suppressor in solid tumors.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680894
NCBI GeneID	12527
NCBI Accession #	NP_031683.1

NCBI GenBank Nucleotide #	NP_031683.1
UniProt Accession #	P40240
NCBI Official Full Name	CD9 antigen
NCBI Official Synonym Full Names	CD9 antigen
NCBI Official Symbol	Cd9
NCBI Official Synonym Symbols	Tspan29
NCBI Protein Information	CD9 antigen
UniProt Protein Name	CD9 antigen
UniProt Gene Name	Cd9
UniProt Entry Name	CD9_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd9-antibody-clone-em-04-immunocytochemistry-western-blot-immunoprecipitation-flow-cytometry-elisa/128520>