

Rabbit CD9 Polyclonal Antibody | anti-CD9 antibody

Rabbit Anti Human CD9 PolyClonal Antibody

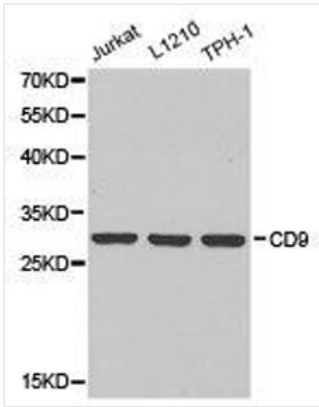
CATALOG # AAA118115	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

CD9; Polyclonal Antibody; Rabbit Anti Human CD9 PolyClonal Antibody; 5H9; BA2; BTCC-1; DRAP-27; GIG2; MIC3; MRP-1; P24; TSPAN29; anti-CD9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	228
Applicable Applications for anti-CD9 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Storage Buffer	Store at -20°C or -80°C. Avoid freeze/thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Species	Homo sapiens (Human)
Immunogen	Recombinant protein of human CD9
Relevance	This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis.
Target Details	This protein is a member of the transmembrane 4 super family,also knownas the tetraspaninfamily.Most of the emembers 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,grow thandmotility.This encodedproteinisa cell surface glycoprote inthatisknowntocomplex with integrins andother transmembrane 4 superfamily proteins.It can modulate cell adhesion and migrationandalsotrigger platelet activation and aggregation. In addition,the protein appears to promote muscle cell fusion and support myotube maintenance.
Preparation and Storage	Upon receipt store at -20°C to -80°C. Avoid repeated freeze/thaw cycles.



WB (Western Blot)
Western Blot analysis of extracts of various cell lines, using CD9 antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502693
NCBI GeneID	928
NCBI Accession #	NP_001760.1
NCBI GenBank Nucleotide #	NM_001769.3
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.