

Rat CD9 Monoclonal Antibody | anti-CD9 antibody

RAT ANTI MOUSE CD9

CATALOG # AAA50167	HOST Rat	APPLICATIONS Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

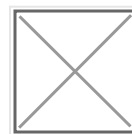
Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	MF1
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	226
Applicable Applications for anti-CD9 antibody	WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Mouse
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



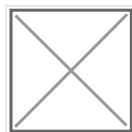
Application Data

Staining of Mouse Peripheral Platelets with Rat anti Mouse CD9:RPE



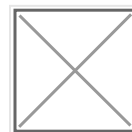
Application Data

Staining of Mouse Peripheral Platelets with Rat anti Mouse CD9 (AAA50167)



Application Data

Staining of Mouse Peripheral Platelets with Rat anti Mouse CD9



Application Data

Staining of Mouse Peripheral Platelets with Rat anti Mouse CD9:Endotoxin Low

ADDITIONAL INFORMATION

Related Product Information for anti-CD9 antibody	Rat anti Mouse CD9 antibody, clone MF1 recognizes mouse CD9, a 25kD member of the tetraspanin family of transmembrane proteins. The tetraspanin family are multifunctional molecules which bind to a wide range of transmembrane proteins and intracellular signalling molecules. Tetraspanins facilitate the formation of molecular complexes which play a role in cell activation, proliferation, motility, fusion and apoptosis. CD9 is ubiquitously expressed, with high levels found on platelets and in male reproductive tissues. In mouse haematopoietic tissues, CD9 is expressed by myeloid and stromal cells. CD9 is known to complex with integrins and other transmembrane proteins. It can modulate cell adhesion and migration and also trigger platelet activation and aggregation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6680894
NCBI GeneID	12527
NCBI Accession #	NP_031683.1
NCBI GenBank Nucleotide #	NM_007657.3
UniProt Accession #	P40240; Q3U9W0
Molecular Weight	25,258 Da
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.