

Product datasheet for **TA420137**

Cd9 Rat Monoclonal Antibody [Clone ID: MF1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MF1
Applications:	FC, IP, WB
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	CD9
Formulation:	Phosphate buffered saline containing 0.09% Sodium Azide (NaN ₃) Label: ALEXA FLUOR® 488,ALEXA FLUOR® 647,FITC,Low Endotoxin,Purified,RPE State: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant Purified IgG - liquid
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	+4°C, -20°C if preferred
Stability:	Shelf life: one year from despatch.
Gene Name:	CD9 antigen
Database Link:	P40240
Background:	Rat anti Mouse CD9 antibody, clone MF1 recognizes mouse CD9, a ~25 kDa 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.
Synonyms:	5H9; BA2; BTCC-1; DRAP-27; GIG2; MIC3; MRP-1; OTTHUMP00000041576; P24; Tetraspanin-29; Tspan-29; TSPAN29



[View online »](#)