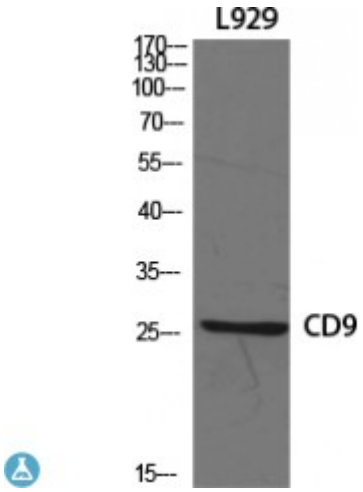
Anti-CD9 antibody



Description	Rabbit polyclonal to CD9.

Model	STJ92147
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human CD9
Immunogen Region	70-150 aa, Internal
Gene ID	928
Gene Symbol	CD9
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
Specificity	CD9 Polyclonal Antibody detects endogenous levels of CD9 protein.
Tissue Specificity	Detected in platelets (at protein level). Expressed by a variety of hematopoietic and epithelial cells.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	CD9 antigen 5H9 antigen Cell growth-inhibiting gene 2 protein Leukocyte antigen MIC3 Motility-related protein MRP-1 Tetraspanin-29 Tspan-29 p24 CD antigen CD9
Molecular Weight	25 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1709OMIM:143030
Alternative Names	CD9 antigen 5H9 antigen Cell growth-inhibiting gene 2 protein Leukocyte antigen MIC3 Motility-related protein MRP-1 Tetraspanin-29 Tspan-29 p24 CD antigen CD9
Function	Involved in platelet activation and aggregation. Regulates paranodal junction formation. Involved in cell adhesion, cell motility and tumor metastasis. Required for sperm-egg fusion.
Cellular Localization	Membrane Cell membrane
Post-translational Modifications	Palmitoylated at a low, basal level in unstimulated platelets. The level of palmitoylation increases when platelets are activated by thrombin (in vitro). The protein exists in three forms with molecular masses between 22 and 27 kDa, and is known to carry covalently linked fatty acids.