

Product datasheet for **AP01373PU-M**

CD9 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Western Blot: 1/500-1/1000. Immunofluorescence: 1/50-1/200. Immunohistochemistry on Paraffin Sections: 1/50-1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 100-150 of Human CD9.
Specificity:	This antibody detects endogenous levels of CD9 protein (region surrounding Tyr129).
Formulation:	Phosphate buffered saline (PBS), pH~7.2 State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE) Preservative: 0.05% Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~25 kDa
Gene Name:	CD9 molecule
Database Link:	Entrez Gene 928 Human P21926



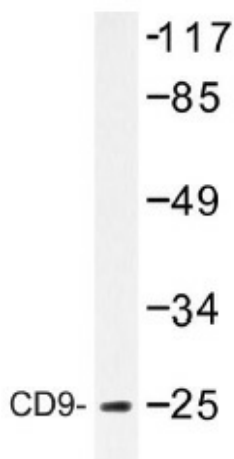
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Background:

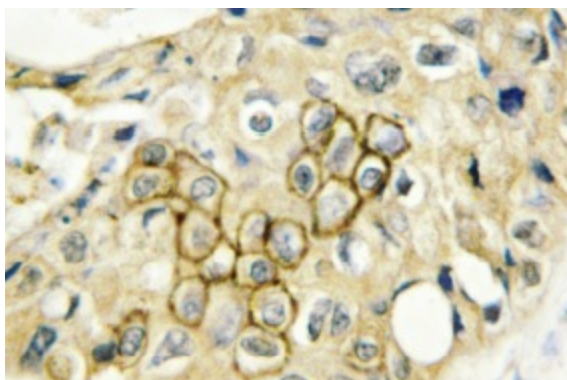
CD9 is a 24 kDa type IV transmembrane glycoprotein with four transmembrane domains. CD9 on pre-B cells may play a role in cell-cell adhesion. In addition, CD9 may play a role in signal transduction mediated by interaction with low molecular weight GTP binding proteins. CD9 is expressed on early B cells, eosinophils, basophils and activated T cells and is a major component of the platelet cell surface. It is also expressed on most non-T acute lymphoblastic leukemia cells and on some acute myeloid and chronic lymphoid leukemias.

Synonyms:

MIC3, TSPAN29, GIG2, p24, Tetraspanin-29, 5H9 antigen

Product images:


Western blot (WB) analysis of CD9 antibody (Cat.-No.: [AP01373PU-N]) in extracts from rat heart.



Immunohistochemistry (IHC) analysis of CD9 antibody (Cat.-No.: [AP01373PU-N]) in paraffin-embedded human breast carcinoma tissue