

Product datasheet for **AP01373PU-M**

CD9 Rabbit Polyclonal Antibody

Product data:

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|-------------------------|---|
| 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 |



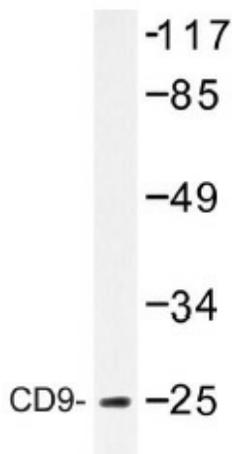
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Background:

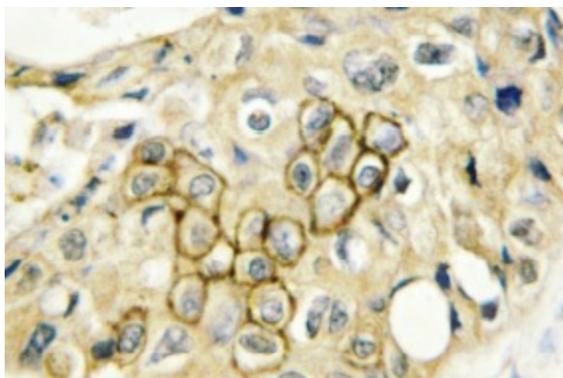
CD9 is a 24 kDa type IV transmembrane glycoprotein with four transmembrane domains. CD9 on pre-B cells may play a role in cell-cell adhesion. In addition, CD9 may play a role in signal transduction mediated by interaction with low molecular weight GTP binding proteins. CD9 is expressed on early B cells, 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) analyzes of CD9 antibody (Cat.-No.: [AP01373PU-N]) in paraffin-embedded human breast carcinoma tissue