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# 36-3522: Anti-CD9 (TSPAN29) (Motility-Related Protein-1) Monoclonal Antibody(Clone: P1/33/2)

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|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | P1/33/2 |
| **Application :** | IHC |
| **Reactivity :** | Human |
| **Gene :** | CD9 |
| **Gene ID :** | 928 |
| **Uniprot ID :** | P21926 |
| **Alternative Name :** | Tetraspanin-29 (TSPAN29); BA-2/p24 antigen; BA2; BTCC1; CD9; Cell growth-inhibiting gene 2 protein; DRAP27; GIG2; Leukocyte antigen MIC3; MIC3; Motility-related protein (MRP1); p24 |
| **Isotype :** | Mouse IgG1, kappa |
| **Immunogen Information :** | Recombinant full-length human CD9 protein |

## Description

CD9 is a 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.

## Product Info

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|---|---|
| **Amount :** | 20 µg / 100 µg |
| **Content :** | 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml. |
| **Storage condition :** | Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. |

## Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);

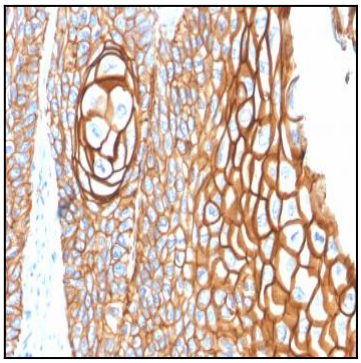


Fig. 1: Formalin-fixed, paraffin-embedded human Skin stained with CD9 Mouse Monoclonal Antibody (P1/33/2).

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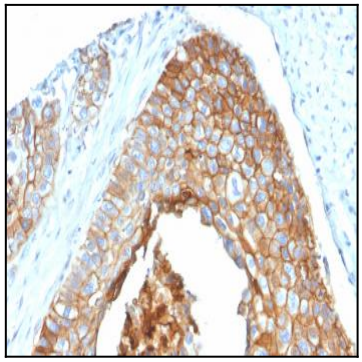


Fig. 2: Formalin-fixed, paraffin-embedded human Cervix stained with CD9 Mouse Monoclonal Antibody (P1/33/2).

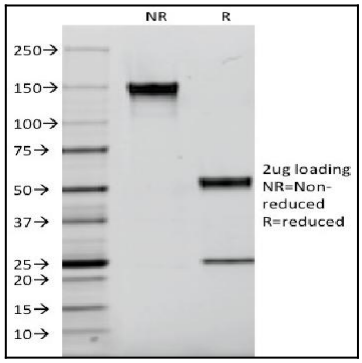



Fig. 3: SDS-PAGE Analysis Purified CD9 Mouse Monoclonal Antibody (P1/33/2). Confirmation of Integrity and Purity of Antibody.

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