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36-3523: Anti-CD9 (TSPAN29) (Motility-Related Protein-1) Monoclonal Antibody(Clone: CD9/2343)

Clonality: Monoclonal
Clone Name: CD9/2343
Application: FACS,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 leukemia.

Product Info

Amount : $20 \mu g / 100 \mu g$

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

Flow Cytometry (0.5-1ug/million cells); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues is enhanced by heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0 for 45 min at 95°C followed by cooling at RT for 20 minutes)

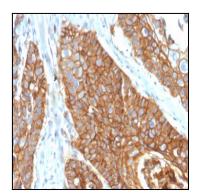


Fig. 1: Formalin-fixed, paraffin-embedded human Cervical Carcinoma stained with CD9 Mouse Monoclonal Antibody (CD9/2343).



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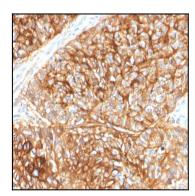


Fig. 2: Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with CD9 Mouse Monoclonal Antibody (CD9/2343).

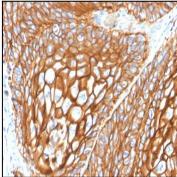


Fig. 3: Formalin-fixed, paraffin-embedded human Basal Cell Carcinoma stained with CD9 Mouse Monoclonal Antibody (CD9/2343).

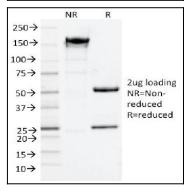


Fig. 4: SDS-PAGE Analysis Purified CD9 Mouse Monoclonal Antibody (CD9/2343). Confirmation of Integrity and Purity of Antibody.