

**SM1065PT****Monoclonal Antibody to CD9 - Purified**

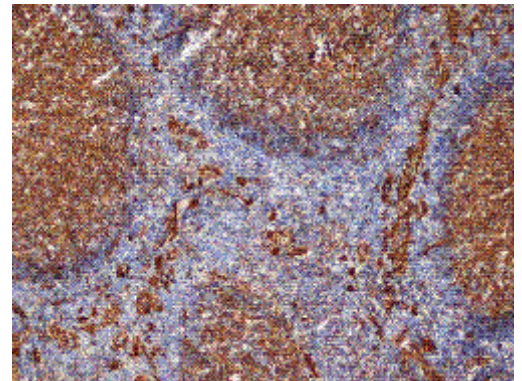
<b>Alternate names:</b>	5H9 antigen, Cell growth-inhibiting gene 2 protein, GIG2, Leukocyte antigen MIC3, MIC3, Motility-related protein, TSPAN29, Tetraspanin-29, p24
<b>Quantity:</b>	25 µg
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	CD9 is a 24kD surface glycoprotein expressed by platelets, monocytes, some lymphocytes and endothelial cells. CD9 is a member of the tetraspan gene family.
<b>Uniprot ID:</b>	<a href="#">P21926</a>
<b>NCBI:</b>	<a href="#">NP_001760.1</a>
<b>GeneID:</b>	<a href="#">928</a>
<b>Host / Isotype:</b>	Mouse / IgG2b
<b>Recommended Isotype Controls:</b>	SM12P, AM03110PU-N
<b>Clone:</b>	MM2/57
<b>Immunogen:</b>	Human platelet membrane. Spleen cells from BALB/c mice immunised were fused with cells of the mouse SP2/0 myeloma line.
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction <b>Purification:</b> Affinity Chromatography on Protein G <b>Buffer System:</b> PBS <b>Preservatives:</b> 0.09% Sodium Azide
<b>Applications:</b>	<b>Flow Cytometry:</b> 1/100-1/200. Use 10µl of the suggested working dilution to label 10e6 cells or 100µl whole blood. <b>Immunohistochemistry on Frozen Sections:</b> 1/500-1/1000. <b>Western Blot.</b> Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes CD9. This clone MM2/57 recognizes a conserved epitope on CD9 present on a wide range of mammalian species.
<b>Species Reactivity:</b>	<b>Tested:</b> Human, Horse, Bovine, Rabbit, Rhesus Monkey, Dog, Cat, Pig, Llama, Ferret, Mink. <b>Expected from sequence similarity:</b> Mustelid.
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Jennings, L. K. et al. (1995) CD9 cluster workshop report: cell surface binding and functional analysis. In S.F. Schlossman. et al. Editors. 1995. Leukocyte Typing V. White Cell Differentiation Antigens. Oxford University Press, New York, NY. 1249-1251.

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PMID: 17675164.

**Pictures:**

Staining of acetone fixed frozen human tonsil with Mouse anti human CD9



Staining of human peripheral blood platelets with MOUSE ANTI HUMAN CD9

