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30-1835: Anti-CD9 Monoclonal Antibody (Clone:MEM-61)-Biotin Conjugated

Clonality :	Monoclonal
Clone Name :	MEM-61
Application :	FACS
Reactivity :	Human
Conjugate :	Biotin
Gene :	CD9
Gene ID :	928
Uniprot ID :	P21926
Alternative Name :	CD9,MIC3,TSPAN29,GIG2
Isotype :	Mouse IgG1 kappa
Immunogen Information :	Pre-B cell line NALM-6.

Description

CD9 belongs to proteins of tetraspanin family that orchestrate cholesterol-associated tetraspanin-enriched signaling microdomains within the plasma membrane, forming complexes with each other as well as with integrins, membrane-anchored growth factors and other proteins. CD9 is involved in cell motility, osteoclastogenesis, neurite outgrowth, myotube formation, and sperm-egg fusion, plays roles in cell attachment and proliferation and is necessary for association of heterologous MHC II molecules on the dendritic cell plasma membrane which is important for effective T cell stimulation. CD9 is also considered as metastasis suppressor in solid tumors.

Product Info

Amount :	0.1 mg
Storage condition :	Store at 2-8°C. Do not freeze.

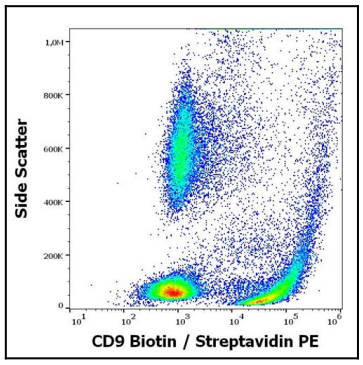


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD9 (MEM-61) Biotin antibody (concentration in sample 1 µg/ml, Streptavidin APC).

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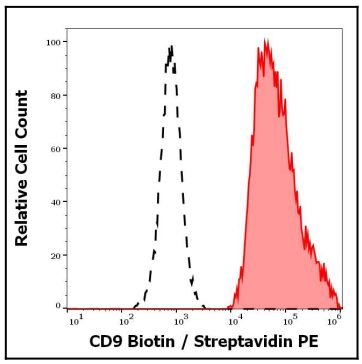


Figure 2: Separation of human CD9 positive CD45 negative platelets (red-filled) from CD9 negative CD45 positive lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD9 (MEM-61) Biotin antibody (concentration in sample 1 µg/ml, Streptavidin APC).

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