

30-1002: Anti-CD9 Monoclonal Antibody (Clone:MEM-61)-Azide free

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| Clonality : | Monoclonal |
| Clone Name : | MEM-61 |
| Application : | FACS |
| Reactivity : | Human |
| 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

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| Amount : | 0.1 mg |
| Purification : | Purified by protein-A affinity chromatography |
| Storage condition : | Store at 2-8°C. Do not freeze. |

Application Note

Flow Cytometry *Recommended dilution:* 5 Åµg/ml

Western Blotting *Recommended dilution:* 2-4 Åµg/ml

Immunohistochemistry *Recommended dilution:* 20 Åµg/ml

Positive tissue: prostate

Mass Cytometry Functional Application