

30-1749: Anti-CD9 Monoclonal Antibody (Clone:EM-04)-APC Conjugated

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|--------------------------------|-------------------------------------------------------------|
| Clonality : | Monoclonal |
| Clone Name : | EM-04 |
| Application : | FACS, IP, WB, ICC |
| Reactivity : | Mouse |
| Conjugate : | APC |
| Gene : | Cd9 |
| Gene ID : | 12527 |
| Uniprot ID : | P40240 |
| Alternative Name : | Cd9 |
| Isotype : | Rat IgG1 |
| Immunogen Information : | Permeabilized murine bone marrow-derived mast cells (BMMC). |

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 |
| Storage condition : | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. |

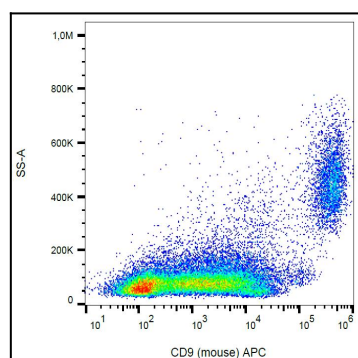


Figure 1: Surface staining of CD9 in murine peritoneal fluid cells with anti-CD9 (EM-04) APC.