

30-2035: Anti-CD9 Monoclonal Antibody (Clone:EM-04)-FITC Conjugated

| | |
|--------------------------------|---|
| Clonality : | Monoclonal |
| Clone Name : | EM-04 |
| Application : | FACS, IP, WB, ICC |
| Reactivity : | Mouse |
| Conjugate : | FITC |
| 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

| | |
|----------------------------|---|
| Amount : | 0.1 mg |
| Storage condition : | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. |

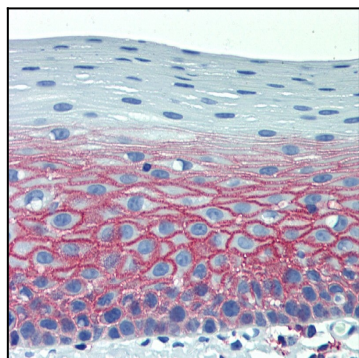


Figure 1: Detection of CD9 in bone marrow-derived mast cell (BMMC) lysates by rat monoclonal EM-04 antibody.