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30-1396: Anti-CD9 Monoclonal Antibody (Clone:EM-04)

Clonality: Monoclonal Clone Name: EM-04

Application: FACS, IP, WB, ICC

Reactivity: Mouse
Gene: Cd9
Gene ID: 12527
Uniprot ID: P40240
Format: Purified
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

Purification : Purified by protein-A affinity chromatography

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

Application Note

Western Blotting Recommended dilution: 1 ̸µg/ml

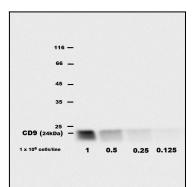


Figure 1: Detection of CD9 in bone marrow-derived mast cell (BMMC) lysates by rat monoclonal EM-04 antibody.