

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 30-1894: Anti-CD9 Monoclonal Antibody (Clone:EM-04)-Biotin Conjugated

Clonality: Monoclonal Clone Name: EM-04

**Application :** FACS, IP, WB, ICC

Reactivity: Mouse
Conjugate: Biotin
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 at 2-8°C. Do not freeze.

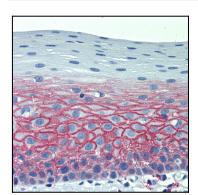


Figure 1: Detection of CD9 in bone marrow-derived mast cell (BMMC) lysates by rat monoclonal EM-04 antibody.