9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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 Ã□Âµg/ml



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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.