



Product Datasheet
Mouse CD9 monoclonal antibody
Catalogue Code: AGIM0262

Antibody Data

Product SKU:	AGIM0262	Clone	EM-04
Applications:	FC	Conjugate	Unconjugated
Reactivity:	Mouse		

Immunogen Information:

Host Species: Rat

Isotype: IgG1

Storage: Store at 4 °C. For long term storage, aliquot and store at 20 °C. Avoid freeze/thawcycles.

Background:

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.