Product Datasheet

Mouse CD9 monoclonal antibody (FITC)

Catalogue Code: AGIM0263

Antibody Data

Product SKU:	AGIM0263	**Clone**	EM-04
Applications:	FC	**Conjugate**	FITC
Reactivity:	Mouse		

Immunogen Information:

Host Species: Rat

Isotype: IgG1

Storage: Store at 4°C. Do not freeze. Avoid prolonged exposure to light

Background:

CD9 belongs to proteins of tetraspanin family that orchestrate cholesterol-associated tetraspaninenriched 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.

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