

ARG43853 anti-CD9 antibody [MEM-61] (PE-Cyanine 7)

Package: 100 tests
Store at: 4°C

Summary

Product Description	PE-Cyanine 7-conjugated Mouse Monoclonal antibody recognizes CD9
Tested Reactivity	Hu
Tested Application	FACS
Host	Mouse
Clonality	Monoclonal
Clone	MEM-61
Isotype	IgG1
Target Name	CD9
Species	Human
Immunogen	Human CD9 fusion protein.
Conjugation	PE-Cyanine 7
Alternate Names	CD9; CD9 Molecule; TSPAN29; MRP-1; Tetraspanin-29; MIC3; P24; Cell Growth-Inhibiting Gene 2 Protein; Motility Related Protein-1; Leukocyte Antigen MIC3; CD9 Antigen (P24); CD9 Antigen; 5H9 Antigen; BA2; Motility-Related Protein; BA-2/P24 Antigen; Antigen CD9; TSPAN-29 ;Tspan-29; DRAP-27; BTCC-1

Application Instructions

Application table	Application	Dilution
	FACS	4 µl / 10 ⁶ cells
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

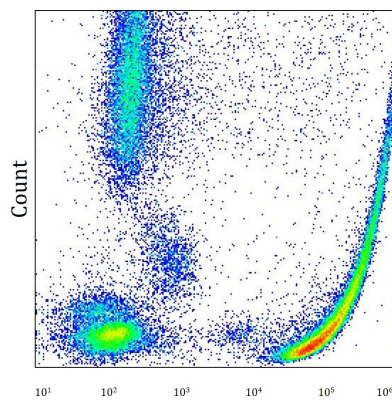
Form	Liquid
Purification	Protein-A affinity chromatography
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Storage instruction	Aliquot and store in the dark at 4°C. Keep protected from prolonged exposure to light. Do not freeze. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol	CD9
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Gene Full Name	CD9 Molecule
Background	This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis.
Function	Integral membrane protein associated with integrins, which regulates different processes, such as sperm-egg fusion, platelet activation and aggregation, and cell adhesion.
Calculated Mw	25 kDa
PTM	Disulfide bond, Glycoprotein, Lipoprotein, Palmitate
Cellular Localization	Cell membrane, Membrane, Secreted

Images



ARG43853 anti-CD9 antibody [MEM-61] (PE-Cyanine 7) FACS image

Flow Cytometry: Human whole blood stained with ARG43853 anti-CD9 antibody [MEM-61] (PE-Cyanine 7) at 4 μ g.
