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InnoCyto Inc.

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iF405 Anti-human CD9 Antibody

Catalog Number:	109605, 109606
Size:	25 tests, 100 tests
Target Name:	CD9, MRP-1,Tetraspanin-29, DRAP-24
Regulatory Status:	RUO

PRODUCT DETAILS

Clone:	HI9a
Application:	Flow Cytometry
Reactivity:	Human
Format:	iF405
Isotype:	Mouse IgG1
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
Protein Concentration:	Supplied at a lot-specific concentration.
Storage&Handling:	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Recommended Usage:	For flow cytometric staining, it is recommended to use 5 µL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application. iF405 has an excitation max at 403 nm and an emission max at 427 nm.
Excitation Laser:	Violet laser (405nm)
RRID:	AB_3738915
GeneID:	928

BACKGROUND INFORMATION

CD9 is a ~24 kDa cell surface glycoprotein that belongs to the tetraspanin family, a group of membrane proteins characterized by four transmembrane domains. It is also known as Motility-Related Protein-1 (MRP-1), Tetraspanin-29, or DRAP-24. CD9 is widely expressed on hematopoietic and non-hematopoietic cells and participates in multiple biological processes including adhesion, migration, signaling, and immune regulation.