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InnoCyto Inc.

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FITC Anti-Human CD38 Antibody

Catalog Number:	101011, 101012
Size:	25 tests, 100 tests
Target Name:	CD38, gp45, Cyclic ADP-ribose hydrolase 1,T10, ADP-ribosyl cyclase
Regulatory Status:	RUO

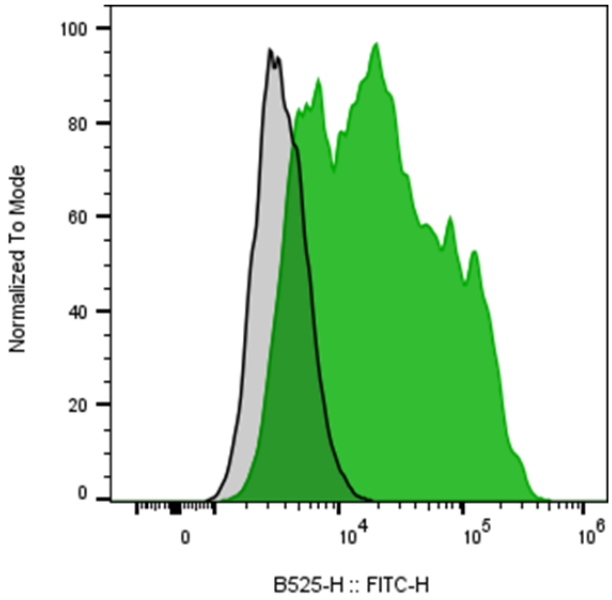
PRODUCT DETAILS

Clone:	HB-7
Application:	Flow Cytometry
Reactivity:	Human
Format:	FITC
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 uL 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.
Excitation Laser:	Blue Laser (488 nm)

BACKGROUND INFORMATION

CD38 (ADP-ribosyl cyclase 1) is a Type II membrane protein involved in calcium signaling through the conversion of NAD(P)+ into cADPR, NAADP+, and ADP-ribose. It is broadly expressed in immune cells and various tissues, and is linked to immune regulation, cancer, and metabolic disorders. CD38 also serves as a prognostic marker in leukemia.

PRODUCT DATA



Human peripheral blood lymphocytes stained with either FITC Anti-Human CD38 Clone HB-7 (color-filled histogram) or an isotype control (gray histogram).

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