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InnoCyto Inc.

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iF700 Anti-Human CD27 Antibody

Catalog Number:	106611, 106612
Size:	25 tests, 100 tests
Target Name:	CD27, TNFRSF7, S152, T14
Regulatory Status:	RUO

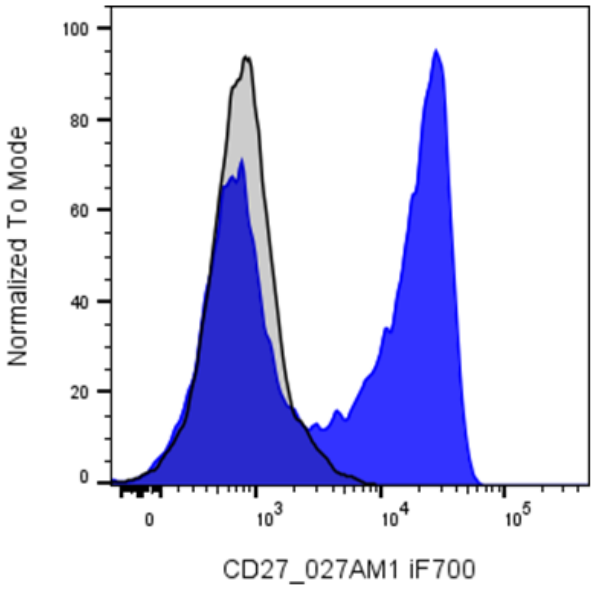
PRODUCT DETAILS

Clone:	027AM1
Application:	Flow Cytometry
Reactivity:	Human
Format:	iF700
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. iF700 has an excitation max at 690 nm and an emission max at 710 nm.
Excitation Laser:	Red Laser (633 nm)
Isotype Control:	301433
GeneID:	939
RRID:	AB_3758869

BACKGROUND INFORMATION

CD27 is a 50–55 kDa type I transmembrane glycoprotein, also known as S152 and T14, and is a lymphocyte-specific member of the tumor necrosis factor receptor (TNFR) superfamily, which also includes CD30 and CD40. Members of this superfamily are broadly involved in the regulation of cell proliferation, differentiation, and apoptosis. Unlike many other TNFR/TNF family members, expression of CD27 and its ligand CD70 is predominantly confined to lymphocytes, reflecting their specialized role in the adaptive immune response.

PRODUCT DATA



Human peripheral blood lymphocytes were stained with iF700 Anti-Human CD27 clone 027AM1 (color-filled histogram) or an isotype control (gray histogram).

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