www.innocyto.com

InnoCyto Inc.

15375 Barranca Pkwy, Suite I-103
Irvine, CA 92618
Email: info@innocyto.com
Phone: 1-949-418-7543

FITC Anti-Human CD27 Antibody

Catalog Number:	106603, 106604
Size:	25 tests, 100 tests
Target Name:	CD27, TNFRSF7, S152, T14
Regulatory Status:	RUO

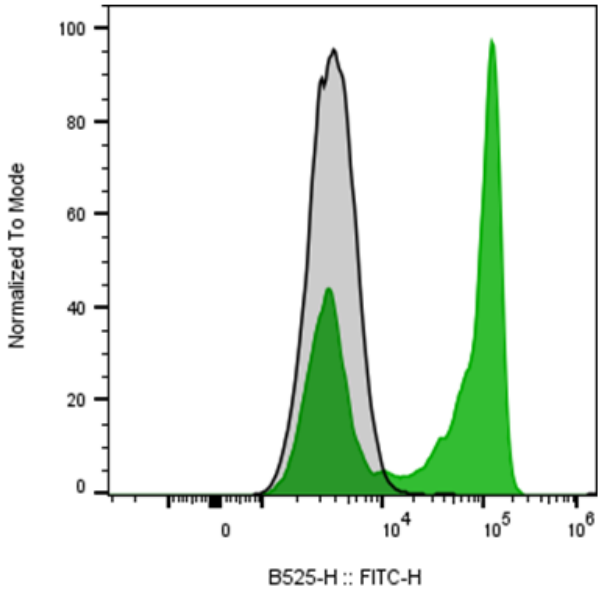
PRODUCT DETAILS

Clone:	027AM1
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 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. FITC has an excitation max at 493 nm and an emission max at 525 nm.
Excitation Laser:	Blue Laser (488 nm)
Isotype Control:	301415
RRID:	AB_3738737
GeneID:	939

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 was stained with FITC Anti-Human CD27 clone 027AM1 (color-filled histogram) or an isotype control (gray histogram) .

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