www.innocyto.com

InnoCyto Inc.

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

PB Anti-Human CD27 Antibody

Catalog Number:	106711, 106712
Size:	25 tests, 100 tests
Target Name:	CD27, TNFRSF7, S152, T14
Regulatory Status:	RUO

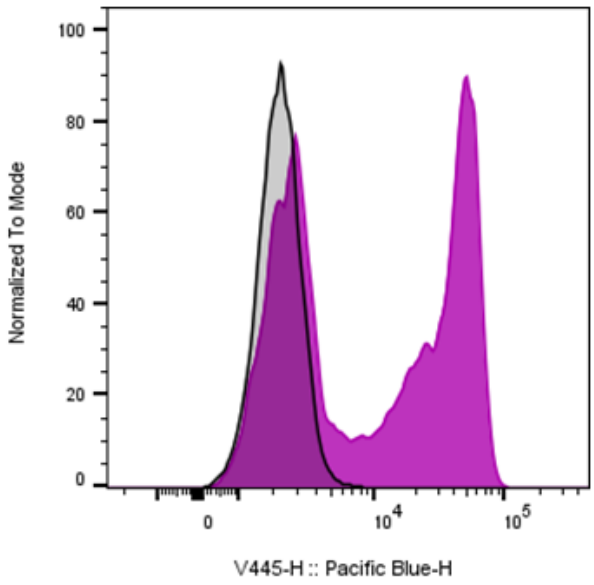
PRODUCT DETAILS

Clone:	O323
Application:	Flow Cytometry
Reactivity:	Human, Cynomolgus, Rhesus, Baboon
Format:	PB
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 shoµLd be determined by titration for each specific application. Pacific Blue has an excitation max at 404 nm and an emission max at 455 nm.
Excitation Laser:	Violet laser (405nm)
Isotype Control:	301427

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 PB Anti-Human CD27 clone O323 (color-filled histogram) or an isotype control (gray histogram).

This product is supplied subject to the terms and conditions at www.innocyto.com/web/terms.php and may only be used as provided in the stated terms. Products are for Research Use Only.