Human NKG2C/CD159c APC-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 134591

Catalog Number: FAB138A

100 TESTS, 25 TESTS

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human NKG2C/CD159c heterodimer with CD94 in flow cytometry. It does not cross-react with the human NKG2A/CD94 heterodimer or with the human CD94 homodimer.
Source	Monoclonal Mouse IgG_1 Clone # 134591
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	BaF3 mouse pro-B cell line transfected with human NKG2C/CD159c and CD94
Conjugate	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 nm
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

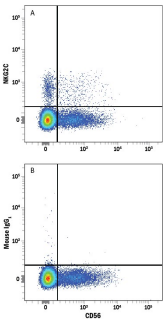
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Flow Cytometry	10 µL/10^6 cells	See Below

DATA

Flow Cytometry



Detection of NKG2C/CD159c in Human PBMC lymphocytes by Flow Cytometry. Human peripheral blood mononuclear cell (PBMC) lymphocytes were stained with Mouse Anti-Human NCAM-1/CD56 PE-conjugated Monoclonal Antibody (Catalog # FAB2408P) and either (A) Mouse Anti-Human NKG2C/CD159c APC-conjugated Monoclonal Antibody (Catalog # FAB138A) or (B) Mouse IgG_1 Allophycocyanin Isotype Control (Catalog # IC002A). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

NKG2C, also known as hemoglobin scavenger receptor, is a type I transmembrane protein expressed exclusively in monocytes and macrophages. It is a scavenger receptor cysteine-rich superfamily (SRCR-SF) protein that contains nine SRCR motifs in its extracellular region.

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