

Human NKG2C/CD159c PE-conjugated Antibody

Monoclonal Mouse IgG₁ Clone # 134591

Catalog Number: FAB138P 100 TESTS, 25 TESTS

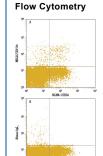
DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human NKG2C/CD159c heterodimer with CD94 in flow cytometry. It does not cross-react with the human NKG2A/CD94 heterodime or with the human CD94 homodimer.		
Source	Monoclonal Mouse IgG ₁ Clone # 134591		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	BaF3 mouse pro-B cell line transfected with human NKG2C/CD159c and CD94		
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 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



Detection of NKG2C/CD159c in Human Blood Lymphocytes by Flow Cytometry. Human peripheral blood lymphocytes were stained with Mouse Anti-Human NCAM-1/CD56 APC-conjugated Monoclonal Antibody (Catalog # FAB2408A) and either (A) Mouse Anti-Human NKG2C/CD159c PE-conjugated Monoclonal Antibody (Catalog # FAB138P) or (B) Mouse IgG₁ Phycoerythrin Isotype Control (Catalog # IC002P). 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.

