Human KIR2DL1/KIR2DS5 APC-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 143211

Catalog Number: FAB1844A
100 TESTS, 25 TESTS

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human KIR2DL1/KIR2DS5 on transfected cells. It does not stain cells transfected with KIR2DL2, 2DL3, 2DL4, 2DL5, 2DS1, 2DS2, 2DS4, 3DL1, 3DL2, or 3DS1.
Source	Monoclonal Mouse IgG_1 Clone # 143211
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	BaF3 mouse pro-B cell line transfected with human KIR2DL1/KIR2DS5 Accession # P43626
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.

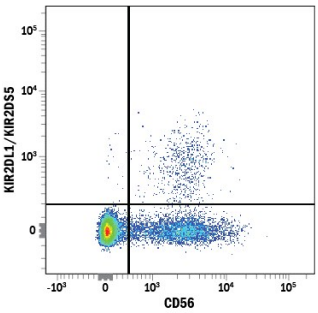
APPLICATIONS

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 KIR2DL1/KIR2DS5 in Human PBMCs by Flow Cytometry. Human peripheral blood mononuclear cells (PBMCs) were stained with Mouse Anti-Human KIR2DL1/KIR2DS5 APC-conjugated Monoclonal Antibody (Catalog # FAB1844A) and Mouse Anti-Human NCAM-1/CD56 PE-conjugated Monoclonal Antibody (Catalog # FAB2408P). Quadrant markers were set based on control antibody staining (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

KIR2DL1 is one of several immunoglobulin-like receptors expressed on NK cells that bind MHC class I molecules and transmit inhibitory signals. KIR2DL1 is specific for HLA-C alleles with Asn77 and Lys80.

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