

Human KIR2DL1/KIR2DS5 PE-conjugated Antibody

Monoclonal Mouse IgG₁ Clone # 143211

Catalog Number: FAB1844P 100 TESTS, 25 TESTS

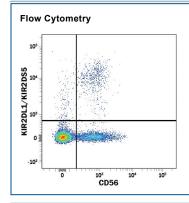
DESCRIPTION		
Species Reactivity	Human	
Specificity	Detects human KIR2DL1/KIR2DS5 on transfected cells. It does not stain cells transfected with KIR2DL2, 2DL3, 2DL4, 2DL5, 2DS1, 2DS2, 2DS4, 3DL1, 3DL2, or 3DS1.	
Source	Monoclonal Mouse IgG ₁ Clone # 143211	
Purification	Protein A or G purified from hybridoma culture supernatant	
Immunogen	BaF3 mouse pro-B cell line transfected with human KIR2DL1/KIR2DS5 Accession # P43626	
Conjugate	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 Shee (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 KIR2DL1/KIR2DS5 in Human PBMCs by Flow Cytometry. Human peripheral blood mononuclear cells (PBMCs) were stained with Mouse Anti-Human KIR2DL1/KIR2DS5 PE-conjugated Monoclonal Antibody (Catalog # FAB1844P) and Mouse Anti-Human NCAM-1/CD56 APC-conjugated Monoclonal Antibody (Catalog # FAB2408A). Quadrant marker was set based on isotype control antibody staining (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

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.

