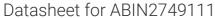
antibodies - online.com





anti-KIR2DL5A antibody (PE)



Image



Publication



()	11/0	r\ /1	$\triangle 1 $
	$\lor \lor \vdash$	$I \vee I$	ew

Quantity:	100 tests	
Target:	KIR2DL5A	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This KIR2DL5A antibody is conjugated to PE	
Application:	Flow Cytometry (FACS)	

Product Details

Product Details		
Immunogen:	Human CD158f-Ig fusion protein	
Clone:	UP-R1	
Isotype:	IgG1 kappa	
Specificity:	The mouse monoclonal antibody UP-R1 recognizes an extracellular epitope on CD158f (KIR2DL5), a 60 kDa glycoprotein serving as a HLA class I ligand, and mainly expressed on a subset of NK cells and a small population of T cells. Its expression is highly polymorphic between individuals.	
Cross-Reactivity (Details):	eactivity (Details): Human	
Purification:	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	

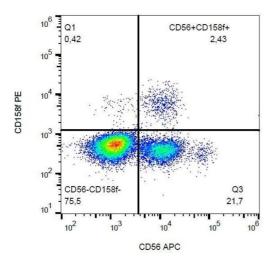
Target Details

Target:	KIR2DL5A	
Alternative Name:	CD158f (KIR2DL5A Products)	
Background:	Killer cell immunoglobulin like receptor, two Ig d,CD158f, also known as KIR2DL5, is a polymorphic 60 kDa transmembrane glycoprotein with two Ig-like extracellular domains by which it recognize HLA class I molecules. Its long intracellular domain contains immunoreceptor tyrosine-based inhibitory motifs (ITIMs) that upon extracellular ligand-mediated phosphorylation serve as docking sites for inhibitory phosphatases, which results in blocking natural cytotoxicity as well as antibody-dependent cytotoxicity of the particular NK cell and its adhesion toward target cells. Together with other killer inhibitory receptors CD158f is important for immunological tolerance to discriminate between normal and abnormal cells. Besides NK cells it is expressed on a small population of cytotoxic T cells. Expression of CD158f alleles is highly variable in the population.,KIR2DL5A	
Gene ID:	57292	
UniProt:	Q8N109	
Application Details		
Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 μ L reagent / 100 μ L of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.	
Comment:	The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.	
Restrictions:	For Research Use only	
Handling		
Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C	
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	

Product cited in:

Estefanía, Flores, Gómez-Lozano, Aguilar, López-Botet, Vilches: "Human KIR2DL5 is an inhibitory receptor expressed on the surface of NK and T lymphocyte subsets." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 178, Issue 7, pp. 4402-10, (2007) (PubMed).

Images



Flow Cytometry

Image 1. Surface staining of human peripheral blood with anti-CD158f (UP-R1) PE.