

Datasheet for ABIN2658031

anti-KIR3DL1 antibody (Alexa Fluor 700)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	KIR3DL1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KIR3DL1 antibody is conjugated to Alexa Fluor 700
Application:	Flow Cytometry (FACS)

Product Details

Clone:	DX9
Isotype:	IgG1 kappa
Purification:	The antibody was purified by affinity chromatography, and conjugated with Alexa Fluor® 700 under optimal conditions.

Target Details

Target:	KIR3DL1
Alternative Name:	CD158e1 (KIR3DL1 Products)
Background:	CD158e1, also known as NKB1, is a 70 kD member of the immunoglobulin superfamily that is expressed on a subset of natural killer cells and T cells at varying levels among individuals. NKB1 is a type I membrane protein containing two immunoglobulin C2-type domains. The interaction of NKB1 with specific HLA-B antigens on a target cell (the HLA-Bw4 allele, for

Target Details

example) inhibits cytotoxicity and prevents target cell lysis and death. The interactions between KIR and MHC class I are thought to be important in NK and T cell regulation following antigen stimulation. The absence of ligands for KIRs may lower the threshold for activation through activating receptors and increase inflammation and susceptibility to autoimmune disease.

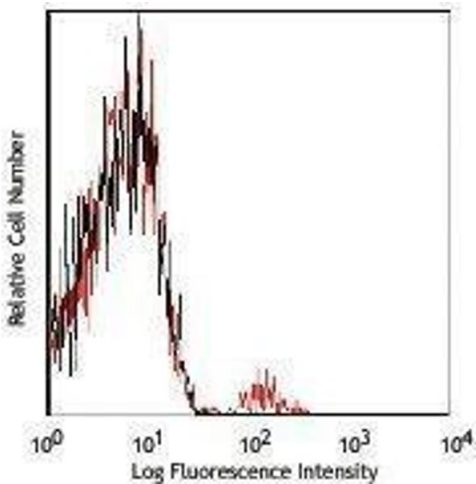
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % 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.
Handling Advice:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C

Images



Flow Cytometry

Image 1.