

[Go to Product page](#)

Datasheet for ABIN211120

**anti-KIR2DL2 antibody (Extracellular Domain)**

## Overview

Quantity:	200 µg
Target:	KIR2DL2
Binding Specificity:	Extracellular Domain
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KIR2DL2 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP)

## Product Details

Immunogen:	NK cell clone E57.  Type of Immunogen: Cells
Isotype:	IgG1
Specificity:	Recognizes the human CD158b cell surface antigen, a 58kD glycoprotein expressed by a subset of NK cells (also known as p58.2 antigen). This antibody also recognizes a 50kD molecule, which is highly homologous to p58.2 in the extracellular domain, but has a shorter cytoplasmic tail. Both molecules are members of the newly described natural killer cell receptor family. CD158b functions as a receptor specific for HLA Class I molecules, including Cw3 and related HLA-C alleles. This antibody can restore the lysis by human NK clones of otherwise lysis protected targets expressing Cw3.

## Product Details

Purification: Purified

## Target Details

Target: KIR2DL2

Alternative Name: KIR2DL2 / CD158b ([KIR2DL2 Products](#))

Background: Name/Gene ID: KIR2DL2  
Family: Immunoglobulin

Synonyms: KIR2DL2, CD158B1, CI-43, CD158k, MHC class I NK cell receptor, NKAT6, NKAT-6, p58 NK receptor CL-43, p58.2, CD158b, CD158b1 antigen

Gene ID: 3803

UniProt: [P43627](#)

## Application Details

Application Notes: Approved: Flo (1:10 - 1:50), IP

Usage: Suitable for use in Flow Cytometry and Immunoprecipitation. Flow Cytometry: 1:10-1:50.  
Use 10 µL to label 1 x10<sup>6</sup> in 100 µL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.2, 0.5 % BSA, 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: Avoid repeat freeze-thaw cycles.

Storage: 4 °C,-20 °C

## Handling

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Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.