

Datasheet for ABIN7505865
anti-KIR3DL3 antibody (PE)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	KIR3DL3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KIR3DL3 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu CD158z PE
Immunogen:	human CD158z transfectants
Clone:	CH21
Isotype:	IgG2a
Specificity:	The mouse monoclonal antibody CH21 recognizes an extracellular epitope of human CD158z (KIR3DL3), a transmembrane glycoprotein of killer cell inhibitory receptor family.
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:	KIR3DL3
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Target Details

Alternative Name:	CD158z (KIR3DL3 Products)
Background:	Killer cell immunoglobulin like receptor, three Ig,CD158z (KIR3DL3)is one of killer cell inhibitory receptors. It has three extracellular immunoglobulin-like domains and a long cytoplasmic tail, which, however, contains only one ITIM. Like other KIRs, CD158z is highly polymorphic, but it seems that its immunoglobulin-like domains are quite conserved among high primates.,KIR3DL3
Gene ID:	115653
UniProt:	Q8N743

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-5 µg/mL
Restrictions:	For Research Use only

Handling

Concentration:	0.1 mg/mL
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.

Flow Cytometry

Image 1. Flow cytometry surface staining patterns of KIR3DL3 (CD158z) transfected HEK-293 suspension stained using anti-human CD158z (CH21) PE antibody (concentration in sample 5 µg/mL, left) or mouse IgG2a isotype control (MOPC-173) PE antibody (concentration in sample 5 µg/mL, same as CD158z PE concentration, right).

Flow Cytometry

Image 2. Separation of CD158z positive cells (red-filled) from CD158z negative cells (black-dashed) in flow cytometry analysis (surface staining) of KIR3DL3 (CD158z) transfected HEK-293 suspension stained using anti-human CD158z (CH21) PE antibody (concentration in sample 5 µg/mL).

