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30-2867: Anti-Human CD158z PE MAb(Clone :CH21)

Clonality :	Monoclonal
Clone Name :	CH21
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	KIR3DL3
Gene ID :	115653
Uniprot ID :	Q8N743
Alternative Name :	killer cell immunoglobulin like receptor, three Ig, KIR3DL3
Isotype :	Mouse IgG2a
Immunogen Information :	human CD158z transfectants

Description

Specificity: The mouse monoclonal antibody CH21 recognizes an extracellular epitope of human CD158z (KIR3DL3), a transmembrane glycoprotein of killer cell inhibitory receptor family.

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.

Product Info

Amount :	0.1 mg
Purification :	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Content :	0.1 mg/ml Formulation : Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Application Note

Flow cytometry: Recommended dilution: 1-5 µg/ml

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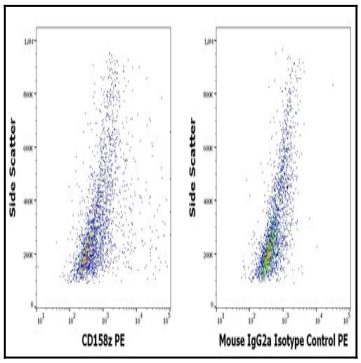

Fig 1: Flow cytometry surface staining patterns of KIR3DL3 (CD158z) transfected HEK-293 suspension stained using anti-human CD158z (CH21) PE antibody (concentration in sample 5 Î¼g/ml, left) or mouse IgG2a isotype control (MOPC-173) PE antibody (concentration in sample 5 Î¼g/ml, same as CD158z PE concentration, right).

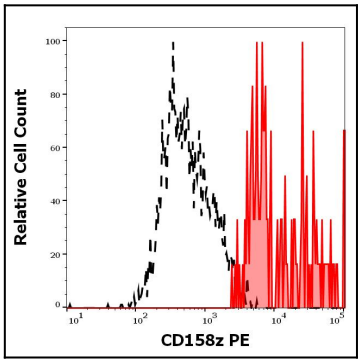

Fig 2: Separation of CD158z positive cells (red-filled) from CD158z negative cells (black-dashed) in flow cytometry analysis (surface staining) of KIR3DL3 (CD158z) transfected HEK-293 suspension stained using anti-human CD158z (CH21) PE antibody (concentration in sample 5 Î¼g/ml).