

30-2866: Anti-Human CD158z APC MAb(Clone :CH21)

Clonality :	Monoclonal
Clone Name :	CH21
Application :	FACS
Reactivity :	Human
Conjugate :	APC
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 activated allophycocyanin (APC) under optimum conditions and 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.

Application Note

Flow cytometry: Recommended dilution: 3-12 µg/ml

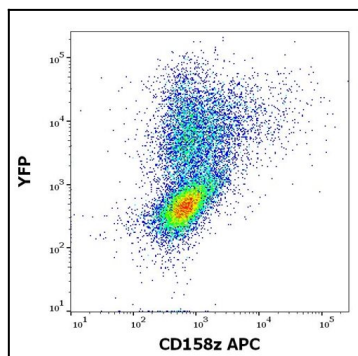


Fig 1: Flow cytometry surface staining pattern of KIR3DL3 (CD158z) transfected HEK-293 cells co-transfected with YFP coding plasmid using anti-human CD158z (CH21) APC antibody (concentration in sample 10 ¹/₄g/ml).

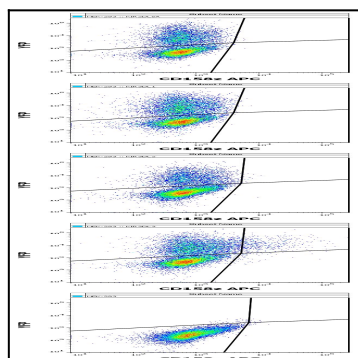


Fig 2: Flow cytometry surface staining patterns of non-transfected HEK-293 cells and HEK-293 cells transfected with KIR-family coding plasmids co-transfected with YFP coding plasmid using anti-human CD158z (CH21) APC antibody (concentration in sample 10 ¹/₄g/ml).