

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	CH21
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	APC
<b>Gene :</b>	KIR3DL3
<b>Gene ID :</b>	115653
<b>Uniprot ID :</b>	Q8N743
<b>Alternative Name :</b>	killer cell immunoglobulin like receptor, three Ig, KIR3DL3
<b>Isotype :</b>	Mouse IgG2a
<b>Immunogen Information :</b>	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

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

#### Application Note

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

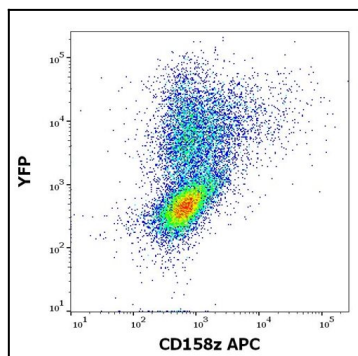


Fig 1: Flow cytometry surface staining pattern of KIR3DL3 (CD158z) transfected HEK-293 cells co-transfected with YFP coding plasmid using anti-human CD158z (CH21) APC antibody (concentration in sample 10<sup>1</sup>/<sub>4</sub>g/ml).

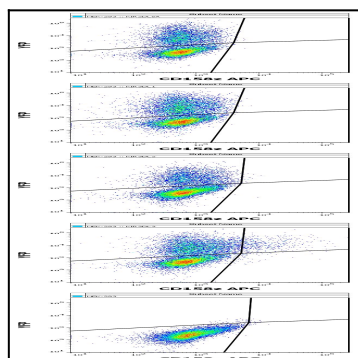


Fig 2: Flow cytometry surface staining patterns of non-transfected HEK-293 cells and HEK-293 cells transfected with KIR-family coding plasmids co-transfected with YFP coding plasmid using anti-human CD158z (CH21) APC antibody (concentration in sample 10<sup>1</sup>/<sub>4</sub>g/ml).