

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

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| 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

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| 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

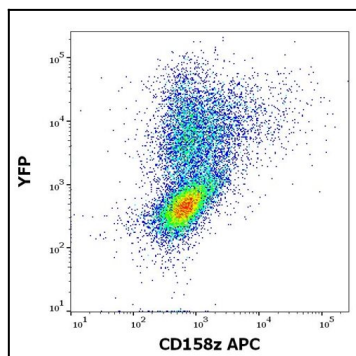


Fig 1: Flow cytometry surface staining pattern of KIR3DL3 (CD158z) transfected HEK-293 cells co-transfected with YFP coding plasmid using anti-human CD158z (CH21) APC antibody (concentration in sample 10¹/₄g/ml).

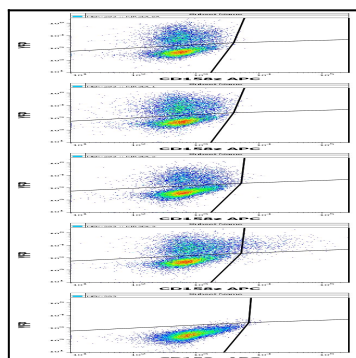


Fig 2: Flow cytometry surface staining patterns of non-transfected HEK-293 cells and HEK-293 cells transfected with KIR-family coding plasmids co-transfected with YFP coding plasmid using anti-human CD158z (CH21) APC antibody (concentration in sample 10¹/₄g/ml).