

30-2795: Anti-Hu CD307d PE

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| Clonality : | Monoclonal |
| Clone Name : | A1 |
| Application : | FACS |
| Reactivity : | Human |
| Conjugate : | PE |
| Gene : | FCRL4 |
| Gene ID : | 83417 |
| Uniprot ID : | Q96PJ5 |
| Alternative Name : | Fc receptor like 4 FcRL4, FCRH4, IRTA1 |
| Immunogen Information : | DNA-immunization followed by a boost with CD307d-transfected cells |

Description

CD307d is a type I transmembrane glycoprotein of the Fc receptor family. It contains two ITIM motifs and one ITSM motif in its cytoplasmic domain. CD307d is expressed mainly on the surface of memory B cells in mucosa-associated lymphoid tissues. It binds to aggregated immunoglobulin molecules (IgA, IgG). Defects of CD307d may play a role in HIV-induced memory B cell dysfunction.

Specificity : The mouse monoclonal antibody A1 recognizes an epitope within extracellular domain of CD307d, a transmembrane glycoprotein expressed mainly on memory B cells.

Product Info

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| Amount : | 100 Tests |
| Purification : | Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography. |
| Content : | Concentration: 1 mg/ml Storage Buffer: 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: The reagent is designed for analysis of human blood cells using 10⁵ μ l reagent / 100 μ l of whole blood or 10⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.