

30-2799: Anti-Hu CD307a PE

Clonality :	Monoclonal
Clone Name :	E3
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	FCRL1
Gene ID :	115350
Uniprot ID :	Q96LA6
Alternative Name :	Fc receptor like 1 FcRL1, FcRH1, IRTA5
Immunogen Information :	DNA-immunization followed by a boost with the CD307a transfected cells

Description

CD307a is a type I transmembrane glycoprotein of the Fc receptor family. It contains two ITAM motifs in its cytoplasmic domain. CD307a is expressed mainly on the surface of mature B-cells, and is down-regulated in germinal center B-cells. Expression of CD307a is higher in patients with autoimmune diseases, compared with healthy controls.

Specificity : The mouse monoclonal antibody E3 recognizes an extracellular epitope of CD307a, a transmembrane glycoprotein expressed predominantly on the surface of mature B cells.

Product Info

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 10 μ l reagent / 100 μ l of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.