

### 30-2799: Anti-Hu CD307a PE

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	E3
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	PE
<b>Gene :</b>	FCRL1
<b>Gene ID :</b>	115350
<b>Uniprot ID :</b>	Q96LA6
<b>Alternative Name :</b>	Fc receptor like 1 FcRL1, FcRH1, IRTA5
<b>Immunogen Information :</b>	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

<b>Amount :</b>	100 Tests
<b>Purification :</b>	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
<b>Content :</b>	Concentration: 1 mg/ml Storage Buffer: 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: The reagent is designed for analysis of human blood cells using 10  $\mu\text{l}$  reagent / 100  $\mu\text{l}$  of whole blood or  $10^6$  cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.