

### 30-2794: Anti-Hu CD307d Purified

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	A1
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	FCRL4
<b>Gene ID :</b>	83417
<b>Uniprot ID :</b>	Q96PJ5
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Fc receptor like 4 FCRL4, FCRH4, IRTA1
<b>Immunogen Information :</b>	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

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography.
<b>Content :</b>	Storage Buffer: Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

#### Application Note

Flow cytometry: Recommended dilution: 2-5  $\mu$ g/ml.