

30-2794: Anti-Hu CD307d Purified

Clonality :	Monoclonal
Clone Name :	A1
Application :	FACS
Reactivity :	Human
Gene :	FCRL4
Gene ID :	83417
Uniprot ID :	Q96PJ5
Format :	Purified
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

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

Application Note

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