9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-2795: Anti-Hu CD307d PE

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

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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.