

Datasheet for ABIN7505907
anti-FCRL4 antibody (PE)[Go to Product page](#)

1 Image

Overview

Quantity:	100 tests
Target:	FCRL4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FCRL4 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu CD307d PE
Immunogen:	DNA-immunization followed by a boost with CD307d-transfected cells
Clone:	A1
Isotype:	IgG2a kappa
Specificity:	The mouse monoclonal antibody A1 recognizes an epitope within extracellular domain of CD307d, a transmembrane glycoprotein expressed mainly on memory B cells.
Purification:	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

Target:	FCRL4
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Target Details

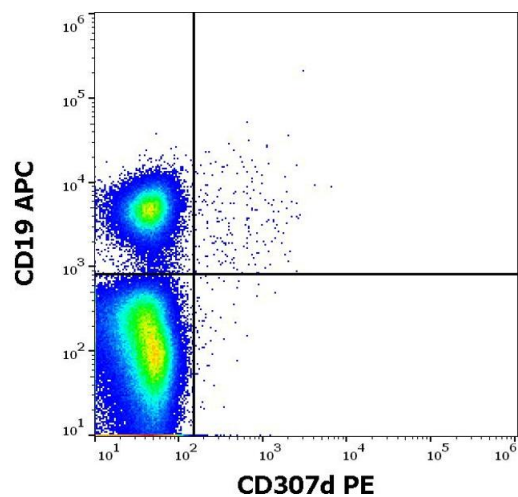
Alternative Name:	CD307d (FCRL4 Products)
Background:	Fc receptor like 4,CD307d is a type I transmembrane glycoprotein of the Fc receptor family. It contains two ITIM motifs and one ITSM motif in its cytoplasmic domain. CD307d is expressed mainly on the surface of memory B cells in mucosa-associated lymphoid tissues. It binds to aggregated immunoglobulin molecules (IgA, IgG). Defects of CD307d may play a role in HIV-induced memory B cell dysfunction.,FcRL4, FCRH4, IRTA1
Gene ID:	83417
UniProt:	Q96PJ5

Application Details

Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Restrictions:	For Research Use only

Handling

Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.



Flow Cytometry

Image 1. Flow cytometry multicolor surface staining of human lymphocytes stained using anti-human CD307d (A1) PE antibody (10 μ L reagent / 100 μ L of peripheral whole blood) and anti-human CD19 (LT19) APC antibody (4 μ L reagent / 100 μ L of peripheral whole blood).