

Datasheet for ABIN7505905  
**anti-FCRL3 antibody (PE)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 tests
Target:	FCRL3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FCRL3 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-Hu CD307c PE
Immunogen:	DNA-immunization followed by a boost with CD307c transfected cells
Clone:	H5
Isotype:	IgG2b kappa
Specificity:	The mouse monoclonal antibody H5 recognizes an epitope within extracellular part of CD307c, a transmembrane glycoprotein expressed mainly on NK cells, and T and B cell subsets.
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:	FCRL3
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## Target Details

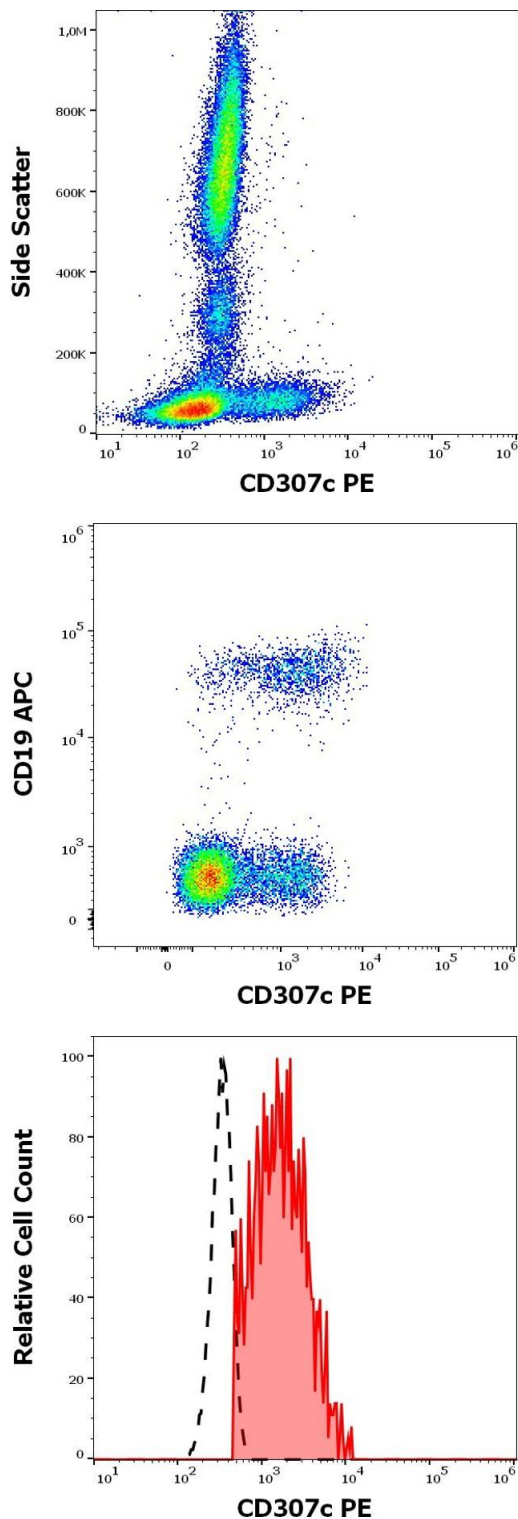
Alternative Name:	CD307c ( <a href="#">FcRL3 Products</a> )
Background:	Fc receptor like 3,CD307c is a type I transmembrane glycoprotein of the Fc receptor family. It contains both ITAM and ITIM motifs in its cytoplasmic domain. CD307c is expressed on the surface of NK cells, and T, Treg, B and plasma cell subsets. It seems to play a role in the regulation of immune response. Defects in CD307c function can result in autoimmune diseases, e.g. rheumatoid arthritis or systemic lupus erythematosus.,FcRL3, IRTA3
Gene ID:	115352
UniProt:	<a href="#">Q96P31</a>

## 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 <sup>6</sup> 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 surface staining pattern of human peripheral whole blood stained using anti-human CD307c (H5) PE antibody (10  $\mu$ L reagent / 100  $\mu$ L of peripheral whole blood).

### Flow Cytometry

**Image 2.** Flow cytometry multicolor surface staining of human lymphocytes stained using anti-human CD307c (H5) PE antibody (10  $\mu$ L reagent / 100  $\mu$ L of peripheral whole blood) and anti-human CD19 (LT19) APC antibody (10  $\mu$ L reagent / 100  $\mu$ L of peripheral whole blood).

### Flow Cytometry

**Image 3.** Separation of human CD307c positive B cells (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD307c (H5) PE antibody (10  $\mu$ L reagent / 100  $\mu$ L of peripheral whole blood).