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## 30-2700: Anti-Hu CD307c PE

Clonality: Monoclonal

**Clone Name:** Н5 Application: **FACS** Reactivity: Human Conjugate: PΕ Gene: FCRL3 Gene ID: 115352 **Uniprot ID:** 096P31 FcRL3, IRTA3 **Alternative Name:** Isotype: Mouse IgG2b kappa

Immunogen Information: DNA-immunization followed by a boost with CD307c transfected cells

## **Description**

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.

**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.

## **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:** Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Storage condition:

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Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze. Stabilizing phosphate

buffered saline (PBS), pH 7.4, 15 mM sodium azide

## **Application Note**

Flow cytometry: The reagent is designed for analysis of human blood cells using 10  $\mu$ l reagent / 100  $\mu$ l of whole blood or 106 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

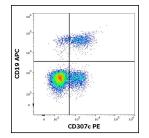


Figure : Flow cytometry multicolor surface staining of human lymphocytes stained using anti-human CD307c (H5) PE antibody ( $10 \, \hat{l} \cdot kl$  reagent /  $100 \, \hat{l} \cdot kl$  of peripheral whole blood) and CD19 (LT19) APC antibody ( $4 \, \hat{l} \cdot kl$  reagent /  $100 \, \hat{l} \cdot kl$  of peripheral whole blood).