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30-2700: Anti-Hu CD307c PE

Clonality :	Monoclonal
Clone Name :	H5
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	FCRL3
Gene ID :	115352
Uniprot ID :	Q96P31
Alternative Name :	FcRL3, IRTA3
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 :	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 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.

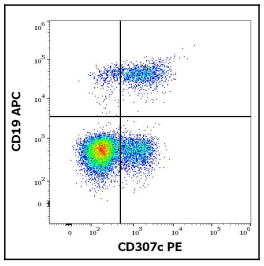


Figure : Flow cytometry multicolor surface staining of human lymphocytes stained using anti-human CD307c (H5) PE antibody (10 Î¼l reagent / 100 Î¼l of peripheral whole blood) and CD19 (LT19) APC antibody (4 Î¼l reagent / 100 Î¼l of peripheral whole blood).

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