

### 30-2796: Anti-Hu CD307c Purified

|                                |  |
|--------------------------------|--|
| <b>Clonality :</b>             | Monoclonal   |
| <b>Clone Name :</b>            | H5   |
| <b>Application :</b>           | FACS   |
| <b>Reactivity :</b>            | Human  |
| <b>Gene :</b>                  | FCRL3  |
| <b>Gene ID :</b>               | 115352   |
| <b>Uniprot ID :</b>            | Q96P31   |
| <b>Format :</b>                | Purified   |
| <b>Alternative Name :</b>      | Fc receptor like 3 FcRL3, IRTA3                                    |
| <b>Immunogen Information :</b> | 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

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 0.1 mg  |
| <b>Purification :</b>      | Purified by protein-A affinity chromatography.  |
| <b>Content :</b>           | Concentration: 1 mg/ml<br>Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide |
| <b>Storage condition :</b> | Store at 2-8°C. Do not freeze.  |

#### Application Note

Flow cytometry: Recommended dilution: 1-4  $\mu$ g/ml.