

#### DESCRIPTION

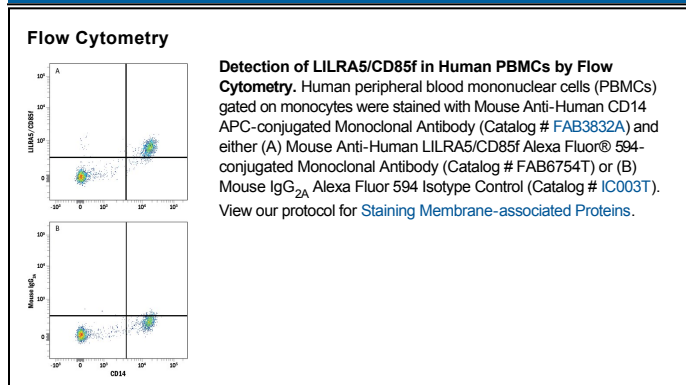
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human ILT11/LILRA5 in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant mouse ILT11/LILRA5, recombinant rat (rr) ILT11/LILRA5, rrLILRC2, recombinant human (rh) ILT4/CD85d, rhILT5/CD85a, or rhILT3/CD85k is observed.
<b>Source</b>	Monoclonal Mouse IgG <sub>2A</sub> Clone # 711828
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Chinese hamster ovary cell line CHO-derived recombinant human ILT11/LILRA5 Gly42-Arg268 Accession # A6NI73
<b>Conjugate</b>	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
<b>Formulation</b>	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.  *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

#### APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Flow Cytometry</b>	5 µL/10 <sup>6</sup> cells	See Below

#### DATA



#### PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

#### BACKGROUND

LILRA5, also known as Leukocyte Immunoglobulin-like Receptor 9 (LIR-9), CD85f, and ILT11, is a 39-40 kDa Group 2 member of the LILR family of innate immune receptors. It is expressed on monocytes and perhaps neutrophils, and its activation results in the secretion of proinflammatory cytokines such as TNF-α and IL-1β. Mature human LILRA5 is a 258 amino acid (aa) type I transmembrane glycoprotein. It has a 227 aa extracellular domain (aa 42-268) that contains two C2-type Ig-like domains (aa 51-136 and 142-230), and a 10 aa cytoplasmic tail. LILRA5 has three potential splice forms. One is a 35 kDa soluble form of the molecule described above that shows a 27 aa substitution for aa 239-299. The other two splice forms are analogous to the above membrane and soluble forms, but possess a shortened signal sequence with an absence of aa 31-42. Over aa 42-268, human LILRA5 shares 58% aa identity with mouse LILRA5.

# Human LILRA5/CD85f Alexa Fluor® 594-conjugated Antibody

Monoclonal Mouse IgG<sub>2A</sub> Clone # 711828

Catalog Number: FAB6754T  
25 TESTS

## PRODUCT SPECIFIC NOTICES

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