

# Human LILRB4/CD85k/ILT3 Alexa Fluor® 647-conjugated Antibody

Monoclonal Mouse IgG<sub>2A</sub> Clone # 293623

Catalog Number: FAB24251R  
100 µg

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human LILRB4/CD85k/ILT3 in direct ELISAs and Western blots. In direct ELISAs, approximately 50% cross-reactivity with with recombinant human (rh) ILT5 is observed. No cross-reactivity with rhILT1, rhILT2, rhILT4, rhILT7, rhILT11, rhLIR-6 or rhLIR-8 is observed.
<b>Source</b>	Monoclonal Mouse IgG <sub>2A</sub> Clone # 293623
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human LILRB4/CD85k/ILT3 Pro17-His257 Accession # ABM86208
<b>Conjugate</b>	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
<b>Formulation</b>	Supplied 0.2 mg/mL 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.

	Recommended Concentration	Sample
<b>Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	Human peripheral blood mononuclear cells (PBMCs)

## 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

Immunoglobulin-Like Transcript 3 (ILT3), also known as Leukocyte Immunoglobulin-Like Receptor subfamily B member 4 (LILRB4) and Leukocyte Immunoglobulin-like Receptor 5 (LIR-5), is a type I membrane protein that functions as a receptor for class I MHC antigens. It contains cytoplasmic ITIM motifs and is involved in the down-regulation of immune responses.

## PRODUCT SPECIFIC NOTICES

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