

Human LILRB4/CD85k/ILT3 Alexa Fluor® 405-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 293623

Catalog Number: FAB24251V
100 µg

DESCRIPTION

| | |
|---------------------------|--|
| Species Reactivity | Human |
| Specificity | Detects human LILRB4/CD85k/ILT3 in direct ELISAs and Western blots. In direct ELISAs, approximately 50% cross-reactivity with recombinant human (rh) ILT5 is observed. No cross-reactivity with rhILT1, rhILT2, rhILT4, rhILT7, rhILT11, rhLIR-6 or rhLIR-8 is observed. |
| Source | Monoclonal Mouse IgG _{2A} Clone # 293623 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | Mouse myeloma cell line NS0-derived recombinant human LILRB4/CD85k/ILT3 Pro17-His257 Accession # ABM86208 |
| Conjugate | Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm |
| Formulation | 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 |
|-----------------------|----------------------------------|--|
| Flow Cytometry | 0.25-1 µg/10 ⁶ cells | Human peripheral blood mononuclear cells (PBMCs) |

PREPARATION AND STORAGE

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

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.

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