

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human LILRA1/CD85i/LIR-6 in direct ELISAs. In direct ELISAs, no cross-reactivity with human LILRA2, LILRA3, LILRA4, LILRA5, LILRA6, LILRB2 and LILRB3 was observed.
Source	Monoclonal Mouse IgG ₁ Clone # 586439
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line, NS0-derived human LILRA1/CD85i/LIR-6 Pro17-Asn461 Accession # O75019
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *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.

Immunocytochemistry Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

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. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Leukocyte Immunoglobulin-like Receptor 6 (LIR-6), also called LILRA1 or CD85i, is a glycoprotein member of the LIR family of leukocyte Ig-like receptors. As an activating LIR, LIR-6 has a short cytoplasmic tail and a charged aa within the TM domain which interacts with FcRγ. Both four (LIR-6a) and two (LIR-6b) Ig-like domain forms are expressed by monocytes and B cells. Human LIR-6 has no non-primate ortholog, but shows up to 80% aa identity with human ILT-1c and KIR-p91/PIR-B. A mouse homolog, gp49B2, has structural similarity but limited sequence identity.

PRODUCT SPECIFIC NOTICES

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