

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human LILRA6/CD85b in direct ELISA. Detects HEK293 cells transfected with LILRA6/CD85b but not irrelevant transfectants.
Source	Monoclonal Mouse IgG ₁ Clone # 921330
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	HEK293 human embryonic kidney cell line-derived recombinant human LILRA6/CD85b Met1-Asn447 Accession # Q6PI73
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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	HEK293 human embryonic kidney cell line transfected with human LILRA6/CD85b and eGFP, and Human peripheral blood mononuclear cells (PBMCs)

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

LILRA6 (Leukocyte immunoglobulin-like receptor subfamily A, member 6) is also known as ILT5 and CD85b. The leukocyte immunoglobulin-like receptors (LILR) are a family of receptors possessing extracellular immunoglobulin domains. They are also known as ILTs and can exert immunomodulatory effects on a wide range of immune cells. LILRA6 is a highly polymorphic surface molecule that is one of the targets of dendritic cell-reactive antibodies.

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