

Human LILRA6/CD85b Antibody

Monoclonal Mouse IgG₁ Clone # 921330 Catalog Number: MAB8656

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
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

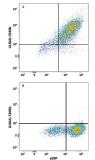
APPLICATIONS

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.

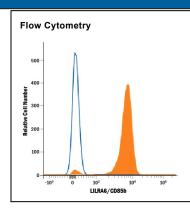
	Recommended Sample Concentration
Flow Cytometry	0.25 μg/10 ⁶ cells See Below
CyTOF-ready	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.

DATA

Flow Cytometry



Detection of LILRA6/CD85b in HEK293 Human Cell Line Transfected with Human LILRA6/CD85b and eGFP by Flow Cytometry. HEK293 human embryonic kidney cell line transfected with human LILRA6/CD85b and eGFP were stained with either (A) Mouse Anti-Human LILRA6/CD85b Monoclonal Antibody (Catalog # MAB8656) or (B) Mouse IgG, Isotype Control (Catalog # MAB002) followed by Allophycocyanin-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # F0101B).



Detection of LILRA6/CD85b in Human PBMCs by Flow Cytometry. Human peripheral blood mononuclear cells (PBMCs) were stained with Mouse Anti-Human LILRA6/CD85b Monoclonal Antibody (Catalog # MAB8656, filled histogram) or isotype control antibody (Catalog # MAB002, open histogram), followed by Allophycocyanin-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # F0101B).

PREPARATION AND STORAGE

Reconstitution Reconstitute at 0.5 mg/mL in sterile PBS.

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution

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.

Rev. 2/7/2018 Page 1 of 1

