Human LILRB5/CD85c/LIR-8 Alexa Fluor® 532-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF3065X
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human LILRB5/CD85c/LIR-8 in direct ELISAs and Western blots. In direct ELISAs, approximately 20% cross-reactivity with recombinant human (rh) LILRA4/ILT7 is observed and less than 15% cross-reactivity with rhILT3 and rhILT5 is obser
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human LILRB5/CD85c/LIR-8 Arg18-His456 Accession # O75023
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 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.*

CyTOF-ready	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.
Flow Cytometry	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

Human LIR-8 (also known as CD85c and LILRB5) is a 587 amino acid transmembrane protein of the family of Leukocyte Immunoglobin-like Receptors. LIR-8 has a long N-terminus extracellular domain with four C2-type Ig-like domains, and a short cytoplasmic tail with two immunoreceptor tyrosine-based inhibitory motifs (ITIMs) typically involved in modulation of cellular responses. Human LIR-8 is expressed in natural killer (NK) cells. There are at least two other known isoforms, one with 53 aa longer cytoplasmic domain, the other with a 100 aa deletion affecting one of the Ig-like extracellular domains.

PRODUCT SPECIFIC NOTICES

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