

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human LILRB4/CD85k/ILT3 in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human (rh) ILT2, 4, 5, 6, rhLIR6, or rhLIR8 is observed.
Source	Monoclonal Mouse IgG _{2A} Clone # 293622
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 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.

Western Blot 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

ILT3, designated CD85k and 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 contains cytoplasmic ITIM motifs and is involved in the down-regulation of immune responses. Expression of ILT3 is up-regulated on tolerogenic dendritic cells.

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