

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human LILRA3/CD85e in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) ILT1, 2, 3, 4, 5, rhLIR6, or rhLIR8 is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 293106
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human LILRA3/CD85e Arg18-Glu439 Accession # Q8N6C8
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

ILT6, also known as CD85e, LIR4, and LILRA3, contains four Ig-like C2-type domains and is the only ILT family member that lacks a transmembrane and cytoplasmic domain. ILT proteins modulate immune responses through interactions with class I MHC molecules. Several polymorphisms of ILT6 have been described, and loss of ILT6 is associated with the development of multiple sclerosis. Human and chimpanzee ILT6 share 84% amino acid sequence identity. ILT6 orthologs have not been described in other species.

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