

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse LILRC1 in direct ELISAs and Western blots. In direct ELISAs, approximately 30% cross-reactivity with recombinant rat (rr) LILRC1 is observed and approximately 15% cross-reactivity with rrLILRC2 is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse LILRC1 Gln17-Asn248 Accession # AAY44811
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

LILRC1 (leukocyte immunoglobulin-like receptor C1) is a 36 kDa member of the LILR family. Mature mouse LILRC1 is a 279 amino acid (aa) type I transmembrane protein. It contains two Ig-like domains (aa 17-220) and a 28 aa cytoplasmic tail. The transmembrane region contains an Arg at position # 251, suggesting this receptor interacts with activating adaptor proteins. LILRC1 is found on B cells, neutrophils and macrophages. Over aa 17-248, mouse LILRC1 shares 84% sequence identity with rat LILRC1.

PRODUCT SPECIFIC NOTICES

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