

DESCRIPTION

Species Reactivity	Rat
Specificity	Detects rat LILRC1 in direct ELISAs and Western blots. In direct ELISAs, approximately 30% cross-reactivity with recombinant mouse LILRC1 is observed and less than 1% cross-reactivity with recombinant rat LILRC2 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant rat LILRC1 Gln17-Asn248 Accession # NP_001070261
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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.
Immunocytochemistry	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

Leukocyte Immunoglobulin-Like Receptor C1 (rrLILRC1) is a 36 kDa member of the LILR family. Mature rat LILRC1 is a 279 amino acid type I transmembrane protein with two extracellular Ig-like domains and a cytoplasmic tail. The transmembrane region contains an Arg residue, suggesting an association with activating adaptor proteins. LILRC1 is found on B cells, neutrophils and macrophages. Over the region used as immunogen, rat LILRC1 protein is 84% identical to mouse LILRC1 and 58% identical to human LILRA5.

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