Mouse IL1RAPL2 Alexa Fluor® 594-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 320017

Catalog Number: FAB3068T

100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse IL1RAPL2 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 25% cross-reactivity with recombinant human (rh) IL1RAPL2 is observed and no cross-reactivity with recombinant mouse (rm) IL-1 R1,
Source	Monoclonal Rat IgG_{2A} Clone # 320017
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse IL1RAPL2 Asn18-Ala358 Accession # Q9ERS6
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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

Interleukin 1 receptor accessory protein-like 2 (IL1RAPL2), also known as TIGIRR-1 and IL-1 R9, is a member of the IL-1 RI-like family of the IL-1 R/Toll-like receptor superfamily. IL1RAPL2 is a type I transmembrane protein that contains three Ig-like domains in its extracellular region and one intracellular TIR domain. IL1RAPL2 is expressed in the central nervous system, and its deletion is associated with some forms of X-linked mental retardation. An alternately spliced variant lacks the transmembrane and cytoplasmic regions. Within their extracellular domains, mouse IL1RAPL2 shares 99% amino acid sequence identity with human IL1RAPL2.

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