

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, rmlL-1 R2, rmlL-1 R4, rmlL-1 Rrp2, rmSIGIRR, rhIL-1 R3, rhIL-1 R4, rhIL-1 Rrp2, or rhIL1RAPL1 is observed.
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
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

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.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	Recombinant Mouse IL1RAPL2

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.