

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human IL1RAPL1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human (rh) IL-1 RI, rhIL-1 RII, rhIL-1 RAcP, rhIL-1 R4, rhIL-1 R5, rhIL-1 Rrp2, rhIL-1 R7, or rhIL-1 RAPL2 is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 143116
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human IL-1 RAPL1/IL-1 R8 Leu19-Thr357 Accession # Q9NZN1
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 Human IL-1 RAPL1/IL-1 R8

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 1 (IL1RAPL1), also known as Oligophenin-4 (OPHN4) and three immunoglobulin domain containing IL-1 receptor-related 2 (TIGIRR-2), is a member of the IL-1 receptor superfamily. Defects in IL1R8 are the cause of mental retardation X-linked type 21 (MRX21).