



20150130ML

Anti-Human IL-1 R8 (#3R16)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M469
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of IL1 R8 extracellular domain.

Target Background

Synonyms (Target):	IL1RAPL1; IL1R8; MRX10; MRX21; MRX34; OPHN4; IL1RAPL; TIGIRR-2; Interleukin 1 receptor 8
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The Interleukin 1 receptor family comprises at least nine members. All family members possess three immunoglobulin (Ig)-like domains in their extracellular region. Most members also have an intracellular TIR (Toll-like receptor/IL-1 receptor) signaling domain that is also conserved in the Toll-like receptor family. A subtype of the IL-1 R family, SIGIRR (single Ig domain-containing IL-1 R-related molecule) differs from the other nine members by having only one Ig domain. Interleukin 1 receptor accessory protein-like 1 (IL-1 RAPL1), also known as IL-1 R8, Oligophenin-4 (OPHN4) and three immunoglobulin domain containing IL-1 receptor-related 2 (TIGIRR-2), is a member of the IL-1 receptor superfamily.

Database References Target

Protein RefSeq:	NP_055086.1
Uniprot ID:	Q9NZN1
mRNA RefSeq:	NM_014271.3

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#3R16)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	recombinant human IL1-R 8 EC domain
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human IL1 R8.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

Western Blot: 1:500 - 1:2000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!