IL1RN Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	IL1RN, Monoclonal Antibody
Full Product Name	IL1RN (Interleukin 1 Receptor Antagonist, ICIL-1RA, IL-1ra3, IL1F3, IL1RA, IRAP, MGC10430) (MaxLight 750)
Product Gene Name	anti-IL1RN antibody
Product Synonym Names	Interleukin 1 Receptor Antagonist; ICIL-1RA; IL-1ra3; IL1F3; IL1RA; IRAP; MGC10430
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1H5
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified
Specificity	Recognizes IL1RN.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	IL1RN (AAH09745, 1aa-159aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MALETICRPSGRKSSKMQAFRIWDVNQKTFYLRNNQLVAGYLQGPNVNLEEKIDVVPIEPHALFLGIHGGKMCLSCVKSGDETRLQLEAVNITDLSENRKQ
Conjugate	MaxLight750
Product Categories/Family for anti-IL1RN antibody	Antibodies; Interleukin
Applications Tested/Suitable for anti-IL1RN antibody	Immunoprecipitation (IP), Western Blot (WB)
Application Notes for anti-IL1RN antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-IL1RN antibody	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha (IL1A) and in inflammatory responses. This gene and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2 osteoporotic fractures and gastric cancer. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefS
Other Notes	Small volumes of anti-IL1RN antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for IL1RN purchase	MBS6238917 is an antibody targeting IL1RN. Also known as IL1RN (Interleukin 1 Receptor Antagonist, ICIL-1RA, IL-1ra3, IL1F3, IL1RA, IRAP, MGC1(

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL1RN. It may not necessarily be applicable to this product.

NCBI GI #	14602479
NCBI GeneID	3557
NCBI Accession #	AAH09745
UniProt Related Accession #	P18510
NCBI Official Full Name	Interleukin 1 receptor antagonist
NCBI Official Synonym Full Names	interleukin 1 receptor antagonist
NCBI Official Symbol	IL1RN
NCBI Official Synonym Symbols	DIRA; IRAP; IL1F3; IL1RA; MVCD4; IL-1RN; IL-1ra; IL-1ra3; ICIL-1RA
Protein Family	Interleukin-1 receptor antagonist protein
NCBI Protein Information	interleukin-1 receptor antagonist protein
NCBI Summary for IL1RN	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha (IL1A) and interleukin 1, beta (IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses. This gene and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of this gene is reported to be associated with increased risk of osteoporotic fractures and gastric cancer. Several alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jan 2016]
Research Articles on IL1RN	**1.** Authors demonstrated that methionine deprivation inhibited glioma cell proliferation via downregulating interleukin 1 receptor antagonist (IL1RN) both in vitro and in vivo, methionine deprivation or knocking down IL1RN induced glioma cell cycle arrest.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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