

Mouse Anti-IL1RN Monoclonal Antibody

Cat. No. DMABT-H18692 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse Anti-IL1RN Monoclonal Antibody
Species	Human
Source	Mouse
Antigen Description	Interleukin-1 receptor antagonist (IL-1RA) is composed of three isoforms, one secreted (sIL-1Ralpha/IL-1Ralpha1), two intracellular (IL-1Ralpha2/IL-1Ralpha3) and produced by monocytes, tissue macrophages, Langerhans cells, dendritic cells, T and B cells, natural killer (NK) cells, large granular lymphocytes (LGL), vascular endothelium, smooth muscle, fibroblasts, thymic epithelia, astrocytes, microglia, glioma cells, keratinocytes, and chondrocytes. It is upregulated by IL-1beta, IL-4, IL-6 and downregulated by glucocorticoids.
Target	IL1RN
Immunogen	Recombinant human IL-1 receptor antagonist
Isotype	IgG1
species	Human
Clone	KL2SB-2
Conjugation	N/A

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Applications	ELISA
Preparation	The antibody was purified by affinity chromatography.
Usage recommendation	Each lot of this antibody is quality control tested by ELISA assay. For ELISA capture applications, a concentration range of 4-6 µg/ml is recommended. It is recommended that the reagent be titrated for optimal performance for each application.
Concentration	0.5 mg/ml
Storage	The antibody solution should be stored undiluted at 4 °C.
Size	50 µg;500 µg

GENE INFORMATION

Gene Name	IL1RN interleukin2receptor antagonist [Homo sapiens]
Official Symbol	IL1RN
Synonyms	IL1RN; interleukin2receptor antagonist; interleukin-1 receptor antagonist protein; ICIL 1RA; IL 1RN; IL1F3; IL1RA; interleukin2receptor antagonist protein; intracellular interleukin2receptor antagonist; IRAP; MGC10430; IL1 inhibitor; IL1RN (IL1F3); type II interleukin-1 receptor antagonist; intracellular IL-1 receptor antagonist type II; intracellular interleukin-1 receptor antagonist (icIL-1ra); DIRA; MVCD4; IL-1RN; IL-1ra; IL-1ra3; ICIL-1RA;
Gene ID	3557
mRNA Refseq	NM_000577

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Protein Refseq	NP_000568
MIM	147679
UniProt ID	P18510
Chromosome Location	2q14.2
Pathway	Cytokine Signaling in Immune system, organism-specific biosystem; IL-1 Signaling Pathway, organism-specific biosystem; IL1-mediated signaling events, organism-specific biosystem; Immune System, organism-specific biosystem; Interleukin-1 signaling, organism-specific biosystem; Signaling by Interleukins, organism-specific biosystem;
Function	interleukin-1 Type I receptor antagonist activity; interleukin-1 Type II receptor antagonist activity; interleukin-1 receptor antagonist activity; interleukin-1 receptor antagonist activity; interleukin-1 receptor binding; interleukin-1, Type I receptor binding; interleukin-1, Type II receptor binding;