Interleukin-1 Receptor Antagonist Antibody / IL1RA / IL1RN [clone 12C13] (RQ6530)

Catalog No.	Formulation	Size
RQ6530	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	12C13
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P25086
Applications	ELISA (Capture) : 1-5ug/ml
Limitations	This Interleukin-1 Receptor Antagonist antibody is available for research use only.

Description

The interleukin-1 receptor antagonist (IL-1RA) is a protein that in humans is encoded by the IL1RN gene. 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.

Application Notes

Optimal dilution of the Interleukin-1 Receptor Antagonist antibody should be determined by the researcher.

Immunogen

An E. coli-derived rat protein (amino acids H27-Q178) was used as the immunogen for the Interleukin-1 Receptor Antagonist antibody.

Storage

After reconstitution, the Interleukin-1 Receptor Antagonist antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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