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.

For a monoclonal clone with protein microarray specificity validation, see our IL1RN Antibody IL1RA/4716 / Interleukin-1 Receptor Antagonist Antibody page.

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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