

Product Datasheet

IL1 Receptor antagonist antibody GRP119

Description

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. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

Species/Host

Rabbit

Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Tested Applications

ICC, IF, IHC-P, WB

Immunogen

Recombinant protein encompassing a sequence within the center region of human IL1 Receptor antagonist. The exact sequence is proprietary.

Form/Appearance

Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.

Concentration

1 mg/ml

Storage

Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Note

For research use only.

Isotype

IgG

Clonality

Polyclonal

Purity

Purified by antigen-affinity chromatography.

Uniprot ID

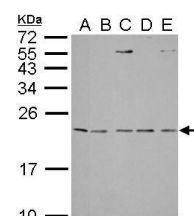
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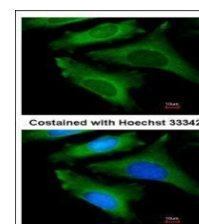
Dilution Range

WB: 1:500-1:3000, ICC: 1:100-1:1000, IHC-P: 1:100-1:1000



IL1 Receptor antagonist antibody detects IL1RN protein by western blot analysis. A. 30

µg Neuro2A whole lysate/extract B. 30 µg C8D30 whole cell lysate/extract C. 30 µg NIH-3T3 whole cell lysate/extract D. 30 µg Raw264.7 whole cell lysate/extra



Immunofluorescence analysis of methanol-fixed HeLa, using IL1ra antagonist (GRP571) antibody at 1:200 dilution.