German Research Products - GRP GmbH

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Product Datasheet

IL1 Receptor antagonist antibody GRP119

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 cente

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

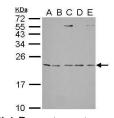
Clonality Polyclonal

Purity Purified by antigen-affinity chromatography.

Uniprot ID P18510

Entrez 3557

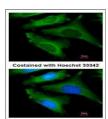
Dilution Range WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000



IL1 Receptor antagonist antibody detects IL1RN protein

by western blot analysis.A.

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



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