

Product Datasheet

IL1 alpha antibody (orb420287)

Description

IL1 alpha antibody

Species/Host

Rabbit

Reactivity

Human

Conjugation

Unconjugated

Tested

ELISA, FC, IHC, WB

Applications
Immunogen

The whole rabbit serum used to produce this IgG fraction antibody was prepared by repeated immunizations with recombinant human IL-1a produced in E.coli. The MW of the recombinant IL-1a was 17,000. This is the cleavage site generated by the IL-1b converting enzyme (ICE, capase-1).

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

1 mg/ml

Storage

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note

For research use only

Application notes

This IgG fraction antibody of anti-Human IL-1a has been tested for use in immunoblotting. This antibody is suitable for use in ELISA, neutralizations, immunohistochemistry, and flow cytometry. It recognizes the 17,000 MW mature IL-1a. Reactivity in other immunoassays is unknown.

Isotype

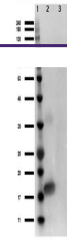
IgG

Clonality

Polyclonal

Purity

This is an IgG preparation of whole rabbit serum purified by DEAE fractionation. This antibody is primarily directed against the 17,000 MW human IL-1a and is useful in determining its presence in various assays. In general, this antibody also detects primate IL-1a in the same formats using similar dilutions. The antiserum does not recognize human IL-1b or Mouse or Rabbit IL-1a. In ELISA formats and other immunoreactive assays, this antibody will recognize both the mature 17,000 MW IL-1a as well as the 31,000 MW IL-1a precursor in either non-denatured (native) or denatured samples. Unlike the IL-1b precursor, the native precursor of IL-1a is recognized by the antibody produced to the 17,000 MW form. The 31,000 precursor of



Western Blot
of Rabbit
Anti-Human
IL-1 a...