
Product Datasheet

IL-1 Beta antibody (orb345121)

Description

IL-1 Beta antibody

Species/Host

Rabbit

Reactivity

Human

Conjugation

Unconjugated

Tested

ELISA, FC, IHC, IP, WB

Applications
Immunogen

This antibody was prepared by repeated immunizations with recombinant human IL-1 β produced in E.coli. The MW of the recombinant 153 aa IL-1 β was 17 kDa with the N-terminal amino acid at position alanine 117. This cleavage site is generated by the IL-1 β converting enzyme (ICE, capase-1).

Preservatives

None

Form/Appearance

Liquid (sterile filtered)

Concentration

2.0 mg/mL

Storage

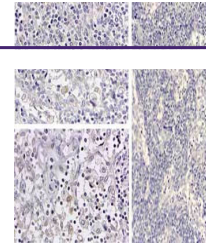
Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute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

Note

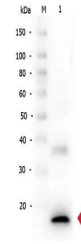
For research use only

Application notes

Anti-Human IL-1 β has been tested for use in ELISA, immunohistochemistry, immunoblotting. This antibody is suitable for neutralizations, radioimmunoassays, flow cytometry, and immunoprecipitation. It recognizes the 17,000 MW mature IL-1 β . For immunoblots, typically, IL-1 β is detected from supernatants or lysates of 2 x 10E6 endotoxin-stimulated peripheral blood mononuclear cells (PBMC). PBMC are stimulated for 24 hours with 1% (v/v) serum plus 10 ng/mL E.coli LPS. For immunoprecipitation pre-clearing the preparation with a non-specific Rabbit IgG (p/n 011-001-297) to reduce background is suggested. For immunohistochemistry either paraffin fixation or cryofixation can be used for sample preparation to stain intracellular IL-1 β . For ELISA use HRP Conjugated Anti-Rabbit IgG [H&L] (Goat) (611-1302) for detection. In ELISA formats this antibody is best used as the second antibody in combination with a monoclonal antibody as a capture antibody. This



Immunohistochemistry of Human IL1 beta a...


 Western Blot of Rabbit anti-Human IL-1 β ...