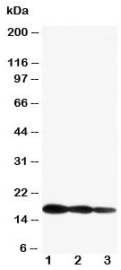
IL1 beta Antibody (R30418)

Catalog No.	Formulation	Size
R30418	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P10749
Applications	Western blot: 0.5-1ug/ml
Limitations	This IL1 beta antibody is available for research use only.



Western blot testing of IL1 beta antibody and Lane 1: Recombinant mouse IL1b partial protein 10ng; 2: 5ng; 3: 2.5ng

Description

Interleukin-1 beta(IL-1beta) also know as catabolin, is a cytokine protein that in humans is encoded by the IL1B gene, which localizes to the long arm of chromosome at position 2q13-2q21 between two fragile sites. Interleukin 1(IL-1) is a protein with several biological activities regulating host defense and immune responses.2 The human IL-1 family plays an important role in the pathogenesis of many diseases and functions as a key mediator of the host response to various infectious, inflammatory, and immunologic challenges.

For a complementary monoclonal clone with IHC and protein microarray specificity validation, see our IL1 beta Antibody

IL1B/3993 / Interleukin 1 Beta Antibody page.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the IL1 beta antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of mouse IL1 beta (FLGNNSGQDIIDFTME) was used as the immunogen for this IL1 beta antibody.

Storage

After reconstitution, the IL1 beta 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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