

IL1 β Rabbit mAb

Catalog No.: A22257 **Recombinant** **4 Publications**

Basic Information

Observed MW

19kDa

Calculated MW

31kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse

CloneNo number

ARC56180

Background

The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is produced by activated macrophages as a proprotein, which is proteolytically processed to its active form by caspase 1. The encoded protein plays a role in thymocyte proliferation and is involved in the inflammatory response.

Recommended Dilutions

WB 1:1000 - 1:5000

Immunogen Information

Gene ID

16176

Swiss Prot

P10749

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 118-269 of mouse IL1 β (NP_032387.1).

Synonyms

IL-1b; IL-1beta; IL1 β

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

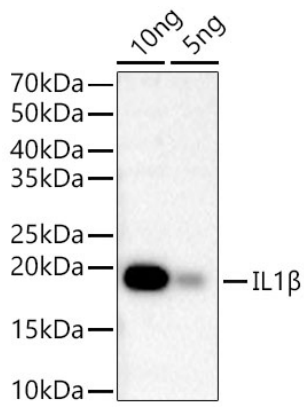
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of recombinant mouse IL-1 beta protein, using IL1β Rabbit mAb (A22257) at 1:2000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 10ng/5ng per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 20s.