

IL1 β Rabbit mAb

Catalog No.: A9440

Recombinant

1 Publications

Basic Information

Observed MW

19kDa/31kDa

Calculated MW

31kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse

CloneNo number

ARC2727

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 1:500 - 1:1000

Immunogen Information

Gene ID

16176

Swiss Prot

P10749

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 100-269 of mouse IL1 β (P10749).

Synonyms

IL-1b; IL-1beta; IL1 β

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

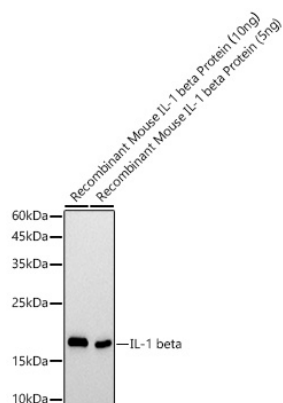
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of recombinant Mouse IL1 β Protein, using IL1 β Rabbit mAb (A9440) at 1:1000 dilution.

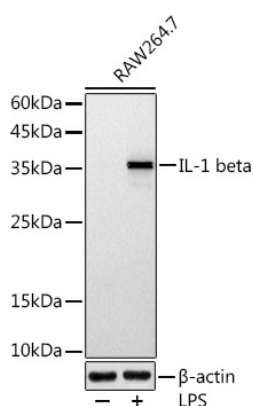
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Western blot analysis of lysates from RAW264.7 cells, using IL1 β Rabbit mAb (A9440) at 1:1000 dilution. RAW264.7 cells were treated by LPS (1 μ g/ml) at 37°C for 8 hours.

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

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.