

# Resource Summary Report

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## Mouse IL-1 beta/IL-1F2 Antibody

RRID:AB\_416684

Type: Antibody

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### Proper Citation

(R and D Systems Cat# AF-401-NA, RRID:AB\_416684)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_416684](http://antibodyregistry.org/AB_416684)

**Proper Citation:** (R and D Systems Cat# AF-401-NA, RRID:AB\_416684)

**Target Antigen:** IL-1 beta/IL-1F2

**Host Organism:** Goat

**Clonality:** polyclonal

**Comments:** Applications: Western Blot, Simple Western, Immunohistochemistry, Neutralization, Immunocytochemistry

**Antibody Name:** Mouse IL-1 beta/IL-1F2 Antibody

**Description:** This polyclonal targets IL-1 beta/IL-1F2

**Target Organism:** Mouse

**Antibody ID:** AB\_416684

**Vendor:** R and D Systems

**Catalog Number:** AF-401-NA

**Alternative Catalog Numbers:** AF-401-SP

**Record Creation Time:** 20241016T223125+0000

**Record Last Update:** 20241016T230318+0000

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## Ratings and Alerts

No rating or validation information has been found for Mouse IL-1 beta/IL-1F2 Antibody.

No alerts have been found for Mouse IL-1 beta/IL-1F2 Antibody.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 100 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Wang J, et al. (2024) Hepatitis B virus-mediated sodium influx contributes to hepatic inflammation via synergism with intrahepatic danger signals. *iScience*, 27(1), 108723.

Ha J, et al. (2024) SERTAD1 initiates NLRP3-mediated inflammasome activation through restricting NLRP3 polyubiquitination. *Cell reports*, 43(2), 113752.

McMahon E, et al. (2024) Brazilin is a natural product inhibitor of the NLRP3 inflammasome. *iScience*, 27(2), 108968.

Zhong X, et al. (2024) Distinct ROR $\gamma$ t-dependent Th17 immune responses are required for autoimmune pathogenesis and protection against bacterial infection. *Cell reports*, 43(11), 114951.

Epstein AA, et al. (2024) Subventricular zone stem cell niche injury is associated with intestinal perforation in preterm infants and predicts future motor impairment. *Cell stem cell*, 31(4), 467.

Lee DY, et al. (2024) Dual effects of TGF- $\beta$  inhibitor in ALS - inhibit contracture and neurodegeneration. *Journal of neurochemistry*.

Kim A, et al. (2024) Cdk5 inhibition in the SOD1G93A transgenic mouse model of amyotrophic lateral sclerosis suppresses neurodegeneration and extends survival. *Journal of neurochemistry*, 168(9), 2908.

Panwar P, et al. (2024) Immune regulatory and anti-resorptive activities of tanshinone IIA sulfonate attenuates rheumatoid arthritis in mice. *British journal of pharmacology*.

Pereira M, et al. (2024) Arachidonic acid inhibition of the NLRP3 inflammasome is a mechanism to explain the anti-inflammatory effects of fasting. *Cell reports*, 43(2), 113700.

Chen C, et al. (2024) ABCG2 is an itaconate exporter that limits antibacterial innate immunity

by alleviating TFEB-dependent lysosomal biogenesis. *Cell metabolism*, 36(3), 498.

Dong Y, et al. (2024) Structural transitions enable interleukin-18 maturation and signaling. *Immunity*, 57(7), 1533.

Peng Z, et al. (2023) PKR deficiency delays vascular aging via inhibiting GSDMD-mediated endothelial cell hyperactivation. *iScience*, 26(1), 105909.

Braatz C, et al. (2023) NLRP3-directed antisense oligonucleotides reduce microglial immunoactivities in vitro. *Journal of neurochemistry*.

Wu X, et al. (2023) Ribosome-rescuer PELO catalyzes the oligomeric assembly of NOD-like receptor family proteins via activating their ATPase enzymatic activity. *Immunity*, 56(5), 926.

Liu D, et al. (2023) Protocol for in vivo and in vitro activation of NLRP3 inflammasome in mice using monosodium urate. *STAR protocols*, 4(3), 102554.

Jin X, et al. (2023) Entrectinib inhibits NLRP3 inflammasome and inflammatory diseases by directly targeting NEK7. *Cell reports. Medicine*, 4(12), 101310.

Li W, et al. (2023) Discovery of alantolactone as a naturally occurring NLRP3 inhibitor to alleviate NLRP3-driven inflammatory diseases in mice. *British journal of pharmacology*, 180(12), 1634.

Zhang Y, et al. (2023) Leukadherin-1 inhibits NLRP3 inflammasome by blocking inflammasome assembly. *International immunopharmacology*, 118, 110024.

Green JP, et al. (2023) Discovery of an inhibitor of DNA-driven inflammation that preferentially targets the AIM2 inflammasome. *iScience*, 26(5), 106758.

Weerasinghe H, et al. (2023) *Candida auris* uses metabolic strategies to escape and kill macrophages while avoiding robust activation of the NLRP3 inflammasome response. *Cell reports*, 42(5), 112522.