

Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

Mouse IL-1 beta/IL-1F2 Antibody

RRID:AB_416684

Type: Antibody

Proper Citation

R and D Systems Cat# AF-401-NA, RRID:AB_416684

Antibody Information

URL: 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: 20250819T233933+0000

Record Last Update: 20250820T060122+0000

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.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 112 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Efrain Y, et al. (2026) Topical rewetting restores the autoimmune-damaged corneal stroma. *iScience*, 29(6), 116130.

Yang JQ, et al. (2026) Asarinin alleviates hepatic fibrosis through TR α -STAT3 pathway: A new strategy by regulating liver microenvironment. *Journal of ethnopharmacology*, 368, 121759.

Huang Y, et al. (2026) A positive feedback loop between FGR and p65 sustains satellite glial cell activation and chronic neuropathic pain. *Cell reports*, 45(2), 116899.

Biggs KE, et al. (2025) Coronin1A Regulates the Trafficking of Alpha Synuclein in Microglia. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(11).

Fan CY, et al. (2025) Divergent sex-specific pannexin-1 mechanisms in microglia and T cells underlie neuropathic pain. *Neuron*, 113(6), 896.

Yeap HW, et al. (2025) A bacterial network of T3SS effectors counteracts host pro-inflammatory responses and cell death to promote infection. *The EMBO journal*, 44(9), 2424.

La Barbera L, et al. (2025) Midbrain degeneration triggers astrocyte reactivity and tau pathology in experimental Alzheimer's Disease. *Molecular neurodegeneration*, 20(1), 105.

Ma Z, et al. (2025) PGK1 phosphorylates NLRP3 and mediates inflammasome activation independent of its glycolytic activity. *Cell reports*, 44(6), 115785.

Barrington J, et al. (2025) Interleukin-1 regulates myeloid cell trafficking and cerebral blood flow following intracerebral haemorrhage. *Disease models & mechanisms*, 18(10).

Zhang S, et al. (2025) Nuclear adenine activates hnRNP A2B1 to enhance antibacterial innate immunity. *Cell metabolism*, 37(2), 413.

Shan M, et al. (2025) Itaconate promotes inflammatory responses in tissue-resident alveolar macrophages and exacerbates acute lung injury. *Cell metabolism*, 37(8), 1750.

Chan FHM, et al. (2025) Plasticity of cell death pathways ensures GSDMD activation during *Yersinia pseudotuberculosis* infection. *Cell reports*, 44(1), 115216.

Shin J, et al. (2025) Microglial pyroptosis drives neuropathic pain and targeting NLRP3 alleviates pain and neuroinflammation. *Biochimica et biophysica acta. Molecular basis of disease*, 1871(4), 167737.

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.

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

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

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

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.

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

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.