

Resource Summary Report

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IL-1? (3A6) Mouse mAb

RRID:AB_2715503

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 12242, RRID:AB_2715503)

Antibody Information

URL: http://antibodyregistry.org/AB_2715503

Proper Citation: (Cell Signaling Technology Cat# 12242, RRID:AB_2715503)

Target Antigen: IL-1?

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IHC-P

Antibody Name: IL-1? (3A6) Mouse mAb

Description: This monoclonal targets IL-1?

Target Organism: mouse, human

Clone ID: 3A6

Antibody ID: AB_2715503

Vendor: Cell Signaling Technology

Catalog Number: 12242

Alternative Catalog Numbers: 12242S

Record Creation Time: 20231110T033811+0000

Record Last Update: 20240725T085051+0000

Ratings and Alerts

No rating or validation information has been found for IL-1? (3A6) Mouse mAb.

No alerts have been found for IL-1? (3A6) Mouse mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 48 mentions in open access literature.

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

Luo W, et al. (2025) Perfluoropentane-based oxygen-loaded nanodroplets reduce microglial activation through metabolic reprogramming. *Neural regeneration research*, 20(4), 1178.

Taylor RN, et al. (2024) Interleukin-1? induces and accelerates human endometrial stromal cell senescence and impairs decidualization via the c-Jun N-terminal kinase pathway. *Cell death discovery*, 10(1), 288.

Sui H, et al. (2024) LRRC75A-AS1 drives the epithelial-mesenchymal transition in cervical cancer by binding IGF2BP1 and inhibiting SYVN1-mediated NLRP3 ubiquitination. *Molecular cancer research : MCR*.

Horie M, et al. (2024) Exosomes secreted by ST3GAL5high cancer cells promote peritoneal dissemination by establishing a premetastatic microenvironment. *Molecular oncology*, 18(1), 21.

Wang Y, et al. (2024) Association of DNA methylation/demethylation with the functional outcome of stroke in a hyperinflammatory state. *Neural regeneration research*, 19(10), 2229.

Shim HS, et al. (2024) TERT activation targets DNA methylation and multiple aging hallmarks. *Cell*, 187(15), 4030.

Li J, et al. (2024) Eicosapentaenoic acid induces macrophage Mox polarization to prevent diabetic cardiomyopathy. *EMBO reports*, 25(12), 5507.

Xi J, et al. (2024) Initiation of a ZAK?-dependent ribotoxic stress response by the innate immunity endoribonuclease RNase L. *Cell reports*, 43(4), 113998.

Li J, et al. (2024) Arctiin Alleviates Atopic Dermatitis Against Inflammation and Pyroptosis Through Suppressing TLR4/MyD88/NF-?B and NLRP3/Caspase-1/GSDMD Signaling Pathways. *Journal of inflammation research*, 17, 8009.

Sun L, et al. (2024) Mitochondrial transplantation confers protection against the effects of ischemic stroke by repressing microglial pyroptosis and promoting neurogenesis. *Neural regeneration research*, 19(6), 1325.

Yeh TY, et al. (2024) GM1 ganglioside protects against LPS-induced neuroinflammatory and oxidative responses by inhibiting the activation of Akt, TAK1 and NADPH oxidase in MG6 microglial cells. *Glycobiology*, 34(1).

Zheng S, et al. (2023) ZDHHC5-mediated NLRP3 palmitoylation promotes NLRP3-NEK7 interaction and inflammasome activation. *Molecular cell*, 83(24), 4570.

Devi S, et al. (2023) CARD-only proteins regulate in vivo inflammasome responses and ameliorate gout. *Cell reports*, 42(3), 112265.

Han Y, et al. (2023) IL-1 β -associated NNT acetylation orchestrates iron-sulfur cluster maintenance and cancer immunotherapy resistance. *Molecular cell*, 83(11), 1887.

Ma MH, et al. (2023) Repurposing nitazoxanide as a novel anti-atherosclerotic drug based on mitochondrial uncoupling mechanisms. *British journal of pharmacology*, 180(1), 62.

Jenster LM, et al. (2023) P38 kinases mediate NLRP1 inflammasome activation after ribotoxic stress response and virus infection. *The Journal of experimental medicine*, 220(1).

Wang L, et al. (2023) Palmitoylation prevents sustained inflammation by limiting NLRP3 inflammasome activation through chaperone-mediated autophagy. *Molecular cell*, 83(2), 281.

Cambon A, et al. (2023) Macrophage IL-1 β -positive microvesicles exhibit thrombo-inflammatory properties and are detectable in patients with active juvenile idiopathic arthritis. *Frontiers in immunology*, 14, 1228122.

Kong X, et al. (2023) HIF-1 β inhibition in macrophages preserves acute liver failure by reducing IL-1 β production. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 37(9), e23140.

Lu Y, et al. (2023) HDL inhibits pancreatic acinar cell NLRP3 inflammasome activation and protect against acinar cell pyroptosis in acute pancreatitis. *International immunopharmacology*, 125(Pt A), 110950.