

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 28, 2025

IL-1? (D3U3E)

RRID:AB_2737350

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 12703, RRID:AB_2737350)

Antibody Information

URL: http://antibodyregistry.org/AB_2737350

Proper Citation: (Cell Signaling Technology Cat# 12703, RRID:AB_2737350)

Target Antigen: IL-1?

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IF-IC, F

Antibody Name: IL-1? (D3U3E)

Description: This monoclonal targets IL-1?

Target Organism: human

Antibody ID: AB_2737350

Vendor: Cell Signaling Technology

Catalog Number: 12703

Alternative Catalog Numbers: 12703S

Record Creation Time: 20231110T033534+0000

Record Last Update: 20240725T021334+0000

Ratings and Alerts

No rating or validation information has been found for IL-1? (D3U3E).

No alerts have been found for IL-1? (D3U3E).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Wang Q, et al. (2024) The CARD8 inflammasome dictates HIV/SIV pathogenesis and disease progression. *Cell*, 187(5), 1223.

Liang Z, et al. (2024) Proximity proteomics reveals UCH-L1 as an essential regulator of NLRP3-mediated IL-1? production in human macrophages and microglia. *Cell reports*, 43(5), 114152.

Huang CX, et al. (2024) Pericancerous cross-presentation to cytotoxic T lymphocytes impairs immunotherapeutic efficacy in hepatocellular carcinoma. *Cancer cell*, 42(12), 2082.

Ming S, et al. (2024) Alphaherpesvirus manipulates retinoic acid metabolism for optimal replication. *iScience*, 27(7), 110144.

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.

Joshi CS, et al. (2024) D-Mannose reduces cellular senescence and NLRP3/GasderminD/IL-1?-driven pyroptotic uroepithelial cell shedding in the murine bladder. *Developmental cell*, 59(1), 33.

Efentakis P, et al. (2024) Implications and hidden toxicity of cardiometabolic syndrome and early-stage heart failure in carfilzomib-induced cardiotoxicity. *British journal of pharmacology*, 181(16), 2964.

Hu H, et al. (2024) Dimethyl fumarate covalently modifies Cys673 of NLRP3 to exert anti-inflammatory effects. *iScience*, 27(4), 109544.

Zhu F, et al. (2023) The orphan receptor Nur77 binds cytoplasmic LPS to activate the non-canonical NLRP3 inflammasome. *Immunity*, 56(4), 753.

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.

Campbell GR, et al. (2023) IRAK1 inhibition blocks the HIV-1 RNA mediated pro-inflammatory cytokine response from microglia. *The Journal of general virology*, 104(5).

Yu J, et al. (2023) Neurotrophins and Their Receptors, Novel Therapeutic Targets for Pelvic Pain in Endometriosis, Are Coordinately Regulated by IL-1 β via the JNK Signaling Pathway. *The American journal of pathology*, 193(8), 1046.

Saha B, et al. (2022) Interactomic analysis reveals a homeostatic role for the HIV restriction factor TRIM5 α in mitophagy. *Cell reports*, 39(6), 110797.

Rivera CA, et al. (2022) Epithelial colonization by gut dendritic cells promotes their functional diversification. *Immunity*, 55(1), 129.

Campbell GR, et al. (2022) Pacritinib Inhibition of IRAK1 Blocks Aberrant TLR8 Signalling by SARS-CoV-2 and HIV-1-Derived RNA. *Journal of innate immunity*, 1.

Moreira JD, et al. (2022) Histone deacetylase-2 controls IL-1 β production through the regulation of NLRP3 expression and activation in tuberculosis infection. *iScience*, 25(8), 104799.

Magnotti F, et al. (2022) Steroid hormone catabolites activate the pyrin inflammasome through a non-canonical mechanism. *Cell reports*, 41(2), 111472.

Rawat P, et al. (2019) Human immunodeficiency virus Type-1 single-stranded RNA activates the NLRP3 inflammasome and impairs autophagic clearance of damaged mitochondria in human microglia. *Glia*, 67(5), 802.

Su S, et al. (2018) Immune Checkpoint Inhibition Overcomes ADCP-Induced Immunosuppression by Macrophages. *Cell*, 175(2), 442.

Yu J, et al. (2017) IL-1 β Inhibits Connexin 43 and Disrupts Decidualization of Human Endometrial Stromal Cells Through ERK1/2 and p38 MAP Kinase. *Endocrinology*, 158(12), 4270.