

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

IL1 beta antibody

RRID:AB_302842

Type: Antibody

Proper Citation

Abcam Cat# ab2105, RRID:AB_302842

Antibody Information

URL: http://antibodyregistry.org/AB_302842

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Target Antigen: Recombinant 153 aa human IL-1beta produced in E.coli. MW of recombinant IL-1beta 15kDa, with the N-terminal amino acid at position alanine 117. This is the cleavage site generated by the IL-1beta converting enzyme (ICE, capase-1).

Host Organism: rabbit

Clonality: unknown

Comments: Used By NYUIHC-874

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: IL1 beta antibody

Description: This unknown targets Recombinant 153 aa human IL-1beta produced in E.coli. MW of recombinant IL-1beta 15kDa, with the N-terminal amino acid at position alanine 117. This is the cleavage site generated by the IL-1beta converting enzyme (ICE, capase-1).

Target Organism: human

Antibody ID: AB_302842

Vendor: Abcam

Catalog Number: ab2105

Record Creation Time: 20250819T221953+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for IL1 beta antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Hara D, et al. (2025) Targeting MLL1/WDR5-Mediated Epigenetic Regulation Mitigates Peritoneal Fibrosis by Reducing p16INK4a. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(8), e70543.

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.

Komatsu S, et al. (2022) Debris collected in-situ from spontaneously ruptured atherosclerotic plaque invariably contains large cholesterol crystals and evidence of activation of innate inflammation: Insights from non-obstructive general angioscopy. Atherosclerosis, 352, 96.

Suliman HB, et al. (2022) Nuclear respiratory factor-1 negatively regulates TGF- β 1 and attenuates pulmonary fibrosis. iScience, 25(1), 103535.

Zhang X, et al. (2022) IL18 signaling causes islet β cell development and insulin secretion via different receptors on acinar and β cells. Developmental cell, 57(12), 1496.

Wang G, et al. (2021) Bacteria induce skin regeneration via IL-1 β signaling. Cell host & microbe, 29(5), 777.

Liu H, et al. (2021) Pro-inflammatory and proliferative microglia drive progression of glioblastoma. Cell reports, 36(11), 109718.

Boursereau R, et al. (2018) Downregulation of the NLRP3 inflammasome by adiponectin rescues Duchenne muscular dystrophy. BMC biology, 16(1), 33.

Maruzuru Y, et al. (2018) Herpes Simplex Virus 1 VP22 Inhibits AIM2-Dependent Inflammasome Activation to Enable Efficient Viral Replication. *Cell host & microbe*, 23(2), 254.