

# Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

## IL-1 beta Polyclonal Antibody

RRID:AB\_223478

Type: Antibody

---

### Proper Citation

(Thermo Fisher Scientific Cat# P420B, RRID:AB\_223478)

---

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_223478](http://antibodyregistry.org/AB_223478)

**Proper Citation:** (Thermo Fisher Scientific Cat# P420B, RRID:AB\_223478)

**Target Antigen:** IL-1 beta

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Applications: ELISA, ICC/IF, IHC, Neu, WB

**Antibody Name:** IL-1 beta Polyclonal Antibody

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

**Target Organism:** Human, Mouse, Non-human primate

**Defining Citation:** [PMID:10515837](#), [PMID:12601160](#), [PMID:7511664](#), [PMID:7544377](#), [PMID:7730639](#), [PMID:9312169](#), [PMID:20971097](#), [PMID:11037977](#), [PMID:21235388](#), [PMID:8579100](#), [PMID:18471873](#), [PMID:2293896](#), [PMID:20163803](#)

**Antibody ID:** AB\_223478

**Vendor:** Thermo Fisher Scientific

**Catalog Number:** P420B

**Record Creation Time:** 20251213T073139+0000

**Record Last Update:** 20260722T182633+0000

---

### Ratings and Alerts

No rating or validation information has been found for IL-1 beta Polyclonal Antibody.

No alerts have been found for IL-1 beta Polyclonal Antibody.

---

## Data and Source Information

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

---

## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Mace JW, et al. (2026) MIF Tautomerase Inhibition Protects Neurons From Immune-Mediated Cell Death. *Neurology(R) neuroimmunology & neuroinflammation*, 13(3), e200568.

Xu Y, et al. (2026) Ultra-precision deconvolution of spatial transcriptomics decodes immune heterogeneity and fate-defining programs in tissues. *Nature communications*, 17(1).

Pereira MJ, et al. (2025) Depot-specific metabolic and inflammatory profiles in perirenal and renal sinus adipose tissue. *Molecular medicine (Cambridge, Mass.)*, 31(1), 262.

Yang Y, et al. (2025) H3K18 lactylation potentiates microglial polarization via the TLR4 pathway in diabetes-induced cognitive impairment. *JCI insight*, 10(24).

Perdikaris P, et al. (2023) Social withdrawal and anxiety-like behavior have an impact on zebrafish adult neurogenesis. *Frontiers in behavioral neuroscience*, 17, 1244075.

Ruera CN, et al. (2023) Coexistence of apoptosis, pyroptosis, and necroptosis pathways in celiac disease. *Clinical and experimental immunology*, 214(3), 328.

Sterling JK, et al. (2022) Interleukin-6 triggers toxic neuronal iron sequestration in response to pathological  $\alpha$ -synuclein. *Cell reports*, 38(7), 110358.

Dos Santos JC, et al. (2019)  $\alpha$ -Glucan-Induced Trained Immunity Protects against *Leishmania braziliensis* Infection: a Crucial Role for IL-32. *Cell reports*, 28(10), 2659.