

Resource Summary Report

Generated by SPARC SAWG on Aug 15, 2026

Mouse IL-1 beta/IL-1F2 Biotinylated Antibody

RRID:AB_356450

Type: Antibody

Proper Citation

R and D Systems Cat# BAF401, RRID:AB_356450

Antibody Information

URL: http://antibodyregistry.org/AB_356450

Proper Citation: R and D Systems Cat# BAF401, RRID:AB_356450

Target Antigen: IL-1 beta/IL-1F2

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, ELISA Detection (Matched Antibody Pair)

Antibody Name: Mouse IL-1 beta/IL-1F2 Biotinylated Antibody

Description: This polyclonal targets IL-1 beta/IL-1F2

Target Organism: Mouse

Antibody ID: AB_356450

Vendor: R and D Systems

Catalog Number: BAF401

Record Creation Time: 20250819T223651+0000

Record Last Update: 20250820T024519+0000

Ratings and Alerts

No rating or validation information has been found for Mouse IL-1 beta/IL-1F2 Biotinylated Antibody.

No alerts have been found for Mouse IL-1 beta/IL-1F2 Biotinylated Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Bellut M, et al. (2026) Identifying the role of NLRP3 inflammasome in stroke progression and outcome before recanalization. *Cell reports. Medicine*, 7(4), 102723.

Sasaki I, et al. (2024) A stress sensor, IRE1 γ , is required for bacterial-exotoxin-induced interleukin-1 γ production in tissue-resident macrophages. *Cell reports*, 43(4), 113981.

Teske KA, et al. (2023) Interrogating direct NLRP3 engagement and functional inflammasome inhibition using cellular assays. *Cell chemical biology*.

Xian H, et al. (2022) Oxidized DNA fragments exit mitochondria via mPTP- and VDAC-dependent channels to activate NLRP3 inflammasome and interferon signaling. *Immunity*, 55(8), 1370.

Tsuchiya K, et al. (2021) Gasdermin D mediates the maturation and release of IL-1 γ downstream of inflammasomes. *Cell reports*, 34(12), 108887.

Xian H, et al. (2021) Metformin inhibition of mitochondrial ATP and DNA synthesis abrogates NLRP3 inflammasome activation and pulmonary inflammation. *Immunity*, 54(7), 1463.

Bae S, et al. (2021) MYC-mediated early glycolysis negatively regulates proinflammatory responses by controlling IRF4 in inflammatory macrophages. *Cell reports*, 35(11), 109264.

Donado CA, et al. (2020) A Two-Cell Model for IL-1 γ Release Mediated by Death-Receptor Signaling. *Cell reports*, 31(1), 107466.

Sanchez-Lopez E, et al. (2019) Choline Uptake and Metabolism Modulate Macrophage IL-1 γ and IL-18 Production. *Cell metabolism*, 29(6), 1350.

Zanoni I, et al. (2017) By Capturing Inflammatory Lipids Released from Dying Cells, the Receptor CD14 Induces Inflammasome-Dependent Phagocyte Hyperactivation. *Immunity*, 47(4), 697.