

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

Jak2 (D2E12) XP Rabbit mAb

RRID:AB_2128522

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3230, RRID:AB_2128522

Antibody Information

URL: http://antibodyregistry.org/AB_2128522

Proper Citation: Cell Signaling Technology Cat# 3230, RRID:AB_2128522

Target Antigen: Jak2 (D2E12) XP Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC, F. Consolidation on 7/2016: AB_2128518, AB_10828825.

Antibody Name: Jak2 (D2E12) XP Rabbit mAb

Description: This monoclonal targets Jak2 (D2E12) XP Rabbit mAb

Target Organism: b, c, dg, rat, hamster, porcine, h, canine, chicken/bird, m, (hm, horse, mouse, r, non-human primate, pg, x, bovine, xenopus/amphibian, human, mk, hr)

Antibody ID: AB_2128522

Vendor: Cell Signaling Technology

Catalog Number: 3230

Alternative Catalog Numbers: 3230S, 3230P, 3230L

Record Creation Time: 20250820T011950+0000

Record Last Update: 20250820T103906+0000

Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community.
Contact(s): [Peng Wang](#), [Andrew Stewart](#) - Human Islets Research Network
<https://hirnetwork.org/>

No alerts have been found for Jak2 (D2E12) XP Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 90 mentions in open access literature.

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

Guo W, et al. (2026) Tumor-initiating stem cells fine-tune the plasticity of neutrophils to sculpt a protective niche. *Cancer cell*, 44(1), 94.

Su X, et al. (2025) Mesothelin as a biomarker and potential therapeutic target in rheumatoid arthritis bone destruction. *Cell reports. Medicine*, 6(11), 102430.

Zhuo S, et al. (2025) Blocking glycogen synthase 1 in white adipose tissue alleviates hypermetabolism following severe burn injury through inhibition of JAK2 by UDPG. *Cell reports*, 44(12), 116577.

Lee JE, et al. (2025) Novel evidence in vivo: Berberine ameliorated glucocorticoid-induced post-natal growth retardation by regulating the GH/IGF-1 axis through KMT1A downregulation. *Toxicology and applied pharmacology*, 500, 117362.

Sun B, et al. (2025) A novel compound DBZ alleviates chronic inflammatory pain and anxiety-like behaviors by targeting the JAK2-STAT3 signaling pathway. *The Journal of biological chemistry*, 301(7), 110223.

Pequerul R, et al. (2025) Inter- and intra-tumoral ALDH1 heterogeneity in breast cancer identifies therapeutic opportunities for ALDH1A-specific inhibitors. *Cell chemical biology*.

Du Y, et al. (2025) GuBenPeiYuan Formula Inhibits Lung Cancer Metastasis by Suppressing Myeloid-Derived Suppressor Cells and Related Immune Cells. *Integrative cancer therapies*, 24, 15347354251324650.

Zhang H, et al. (2025) SOCS2 alleviates traumatic brain injury-induced mitochondrial damage and parthanatos in endothelial cells by inhibiting the JAK2/STAT3 signaling pathway. *Metabolic brain disease*, 40(7), 289.

Chiu PH, et al. (2025) Therapeutic stress triggers tumor STAT1 acetylation to disarm immunotherapy. *Cell reports. Medicine*, 6(11), 102448.

Han J, et al. (2025) FGL2-induced metabolic dysregulation in enteric neural crest cells provides insight into Hirschsprung disease pathogenesis. *iScience*, 28(9), 113423.

Xu J, et al. (2025) The pro-inflammatory cytokine IL6 suppresses mitochondrial function via the gp130-JAK1/STAT1/3-HIF1 α /ERR α axis. *Cell reports*, 44(3), 115403.

Xie H, et al. (2025) Lymphotoxin-driven cancer cell eradication by tumoricidal CD8 $^{+}$ TIL. *bioRxiv* : the preprint server for biology.

Mamidi MK, et al. (2025) Aberrantly Expressed Mitochondrial Lipid Kinase, AGK, Activates JAK2-Histone H3 Axis and BCR Signal: A Mechanistic Study with Implication in CLL Therapy. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(3), 588.

Dennaoui R, et al. (2025) STAT-independent functions of Janus kinases 1 and 2 are obligatory for the postnatal development of mammary epithelial ducts. *Cell reports*, 45(1), 116703.

Jin M, et al. (2024) Schisandrin B promotes hepatic differentiation from human umbilical cord mesenchymal stem cells. *iScience*, 27(2), 108912.

Wang R, et al. (2024) H3K9 lactylation in malignant cells facilitates CD8 $^{+}$ T cell dysfunction and poor immunotherapy response. *Cell reports*, 43(9), 114686.

Zhang J, et al. (2024) Influenza A virus infection activates STAT3 to enhance SREBP2 expression, cholesterol biosynthesis, and virus replication. *iScience*, 27(8), 110424.

Cao C, et al. (2024) CXCR4 orchestrates the TOX-programmed exhausted phenotype of CD8 $^{+}$ T cells via JAK2/STAT3 pathway. *Cell genomics*, 4(10), 100659.

He Z, et al. (2024) *Campylobacter jejuni*-derived cytolethal distending toxin promotes colorectal cancer metastasis. *Cell host & microbe*, 32(12), 2080.

Shu G, et al. (2024) PABPC1L Induces IDO1 to Promote Tryptophan Metabolism and Immune Suppression in Renal Cell Carcinoma. *Cancer research*, 84(10), 1659.