

Resource Summary Report

Generated by PRECISE-TBI on Aug 15, 2026

IL-6 (D5W4V) XP® Rabbit mAb (Mouse Specific)

RRID:AB_2798059

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 12912, RRID:AB_2798059

Antibody Information

URL: http://antibodyregistry.org/AB_2798059

Proper Citation: Cell Signaling Technology Cat# 12912, RRID:AB_2798059

Target Antigen: IL6

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC, F

Antibody Name: IL-6 (D5W4V) XP® Rabbit mAb (Mouse Specific)

Description: This monoclonal targets IL6

Target Organism: m

Clone ID: Clone D5W4V

Antibody ID: AB_2798059

Vendor: Cell Signaling Technology

Catalog Number: 12912

Record Creation Time: 20250819T234944+0000

Record Last Update: 20250820T063244+0000

Ratings and Alerts

No rating or validation information has been found for IL-6 (D5W4V) XP® Rabbit mAb (Mouse Specific).

No alerts have been found for IL-6 (D5W4V) XP® Rabbit mAb (Mouse Specific).

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 [PRECISE-TBI](#) .

Wang HL, et al. (2026) Loss-of-Function (G603R) Lrp10 Fails to Downregulate mRNA of Pathologic α -Synuclein and Causes Neurodegeneration of Substantia Nigra Dopaminergic Cells in Parkinson's Disease Knockin Mice. *Neurochemical research*, 51(3).

Mao Y, et al. (2026) B cell deficiency limits exercise capacity by remodeling liver glutamate metabolism. *Cell*, 189(11), 3254.

Wei J, et al. (2026) Tangeretin ameliorates sepsis-induced neurocognitive impairment in adult male mice by suppressing Akt-driven glycolytic reprogramming and neuroinflammation. *British journal of pharmacology*.

Narasimhappagari J, et al. (2025) The Seminal Role of the Proinflammatory Cytokine IL-1 β and Its Signaling Cascade in Glioblastoma Pathogenesis and the Therapeutic Effect of Interleukin-1 β Receptor Antagonist (IL-1RA) and Tolcapone. *International journal of molecular sciences*, 26(14).

Sheng S, et al. (2025) Daucosterol ameliorates acute inflammation and fibrosis following myocardial infarction via regulation of the ZBTB16 protein. *British journal of pharmacology*.

Chen L, et al. (2025) Harnessing traditional medicine: A dual-action antimicrobial combination against pathogens. *iScience*, 28(4), 111910.

Fu TT, et al. (2025) Identification of 1,2,3,4,6-O-Pentagalloylglucose as a novel ASNS inhibitor for MASLD amelioration in mice by increasing l-aspartate levels alongside LKB1/AMPK metabolic axis activation. *International immunopharmacology*, 159, 114921.

Luo W, et al. (2025) Perfluoropentane-based oxygen-loaded nanodroplets reduce microglial activation through metabolic reprogramming. *Neural regeneration research*, 20(4), 1178.

Su H, et al. (2025) Uremic serum exposure leads to differential phenotypic switch in porcine arterial and venous smooth muscle cells. *American journal of physiology. Renal physiology*, 329(6), F809.

Zhang Y, et al. (2025) Macropinocytosis maintains CAF subtype identity under metabolic stress in pancreatic cancer. *Cancer cell*, 43(9), 1677.

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.

Yeh TY, et al. (2024) GM1 ganglioside protects against LPS-induced neuroinflammatory and oxidative responses by inhibiting the activation of Akt, TAK1 and NADPH oxidase in MG6 microglial cells. *Glycobiology*, 34(1).

Yang X, et al. (2023) Collagen 1-mediated CXCL1 secretion in tumor cells activates fibroblasts to promote radioresistance of esophageal cancer. *Cell reports*, 42(10), 113270.

Murray ER, et al. (2022) Disruption of pancreatic stellate cell myofibroblast phenotype promotes pancreatic tumor invasion. *Cell reports*, 38(4), 110227.

Akoumianaki T, et al. (2021) Uncoupling of IL-6 signaling and LC3-associated phagocytosis drives immunoparalysis during sepsis. *Cell host & microbe*, 29(8), 1277.

Rao Y, et al. (2021) Gut *Akkermansia muciniphila* ameliorates metabolic dysfunction-associated fatty liver disease by regulating the metabolism of L-aspartate via gut-liver axis. *Gut microbes*, 13(1), 1.

Yu R, et al. (2021) Mulberroside A repairs high fructose diet-induced damage of intestinal epithelial and blood-brain barriers in mice: A potential for preventing hippocampal neuroinflammatory injury. *Journal of neurochemistry*, 157(6), 1979.

Sorg I, et al. (2020) A *Bartonella* Effector Acts as Signaling Hub for Intrinsic STAT3 Activation to Trigger Anti-inflammatory Responses. *Cell host & microbe*, 27(3), 476.

Zhang J, et al. (2019) Catalpol alleviates adriamycin-induced nephropathy by activating the SIRT1 signalling pathway in vivo and in vitro. *British journal of pharmacology*, 176(23), 4558.

Zhao Q, et al. (2019) Impaired clearance of sunitinib leads to metabolic disorders and hepatotoxicity. *British journal of pharmacology*, 176(13), 2162.