

# Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

## COX2/ Cyclooxygenase 2/ PTGS2 antibody

RRID:AB\_2881731

Type: Antibody

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### Proper Citation

Proteintech Cat# 66351-1-Ig, RRID:AB\_2881731

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2881731](http://antibodyregistry.org/AB_2881731)

**Proper Citation:** Proteintech Cat# 66351-1-Ig, RRID:AB\_2881731

**Target Antigen:** COX2/ Cyclooxygenase 2/ PTGS2

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Originating manufacturer of this product.

Applications: WB, IHC, IF, ELISA

**Antibody Name:** COX2/ Cyclooxygenase 2/ PTGS2 antibody

**Description:** This monoclonal targets COX2/ Cyclooxygenase 2/ PTGS2

**Target Organism:** rat, mouse, human

**Clone ID:** 3G2B9

**Antibody ID:** AB\_2881731

**Vendor:** Proteintech

**Catalog Number:** 66351-1-Ig

**Record Creation Time:** 20231110T031802+0000

**Record Last Update:** 20260829T173219+0000

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### Ratings and Alerts

No rating or validation information has been found for COX2/ Cyclooxygenase 2/ PTGS2 antibody.

No alerts have been found for COX2/ Cyclooxygenase 2/ PTGS2 antibody.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Liu X, et al. (2026) Ultrasound-targeted microbubble destruction enhances RSL3-induced ferroptosis in anaplastic thyroid carcinoma. *iScience*, 29(3), 114993.

Xiong R, et al. (2026) Elucidating the pharmacological mechanism of Yangming-Kaixin-Yizhi formula in inhibiting neuronal ferroptosis via Nrf2 in Alzheimer's disease: a study combining network pharmacology, transcriptomics, and experimental validation. *Metabolic brain disease*, 41(1).

Liu Z, et al. (2025) SESN2 maintains cartilage homeostasis by SREBP1-mediated lipid metabolism during osteoarthritis progression. *iScience*, 28(8), 113097.

Wu M, et al. (2025) Acute hyperglycemia impedes spinal cord injury recovery via triggering excessive ferroptosis of endothelial cells. *International journal of biological macromolecules*, 301, 140453.

Dong J, et al. (2024) Roseburia intestinalis sensitizes colorectal cancer to radiotherapy through the butyrate/OR51E1/RALB axis. *Cell reports*, 43(3), 113846.

Liu X, et al. (2023) Engineered Extracellular Vesicle-Delivered CRISPR/Cas9 for Radiotherapy Sensitization of Glioblastoma. *ACS nano*, 17(17), 16432.

Sompel K, et al. (2022) Iloprost requires the Frizzled-9 receptor to prevent lung cancer. *iScience*, 25(6), 104442.

Lv Z, et al. (2022) Single cell RNA-seq analysis identifies ferroptotic chondrocyte cluster and reveals TRPV1 as an anti-ferroptotic target in osteoarthritis. *EBioMedicine*, 84, 104258.