

# Resource Summary Report

Generated by SPARC SAWG on Aug 18, 2026

## Mouse (E5Y6Q) mAb IgG2a Isotype Control

RRID:AB\_2799613

Type: Antibody

### Proper Citation

Cell Signaling Technology Cat# 61656, RRID:AB\_2799613

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2799613](http://antibodyregistry.org/AB_2799613)

**Proper Citation:** Cell Signaling Technology Cat# 61656, RRID:AB\_2799613

**Target Antigen:** IgG

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: IP, IHC-P, IF-P, IF-F, IF-IC, F, ChIP

**Antibody Name:** Mouse (E5Y6Q) mAb IgG2a Isotype Control

**Description:** This monoclonal targets IgG

**Clone ID:** Clone E5Y6Q

**Antibody ID:** AB\_2799613

**Vendor:** Cell Signaling Technology

**Catalog Number:** 61656

**Record Creation Time:** 20250819T223555+0000

**Record Last Update:** 20250820T024156+0000

### Ratings and Alerts

No rating or validation information has been found for Mouse (E5Y6Q) mAb IgG2a Isotype Control.

No alerts have been found for Mouse (E5Y6Q) mAb IgG2a Isotype Control.

## Data and Source Information

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

## Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Mu Y, et al. (2026) Mitochondrial dysfunction activates ADAMTS-5 expression via mt-dsRNA-PKR-Spi-1 axis in osteoarthritic chondrocytes. *iScience*, 29(6), 115980.

Vuong TT, et al. (2026) DNA Methyltransferase Inhibition Prevents Platinum-Induced Ovarian Cancer Stem Cell Enrichment. *Cancer research communications*, 6(7), 1721.

Sohn J, et al. (2026) Phenylalanyl-tRNA synthetase FARS-1/FARSA balances longevity and immunity by downregulating endogenous mitochondrial double-stranded RNAs. *Molecular cell*, 86(12), 2373.

Zhang Y, et al. (2025) Bile acid receptor FXR promotes intestinal epithelial ferroptosis and subsequent ILC3 dysfunction in neonatal necrotizing enterocolitis. *Immunity*, 58(3), 683.

Yang C, et al. (2024) Targeting the immune privilege of tumor-initiating cells to enhance cancer immunotherapy. *Cancer cell*, 42(12), 2064.

Yu F, et al. (2024) Pancreatic  $\beta$  cell interleukin-22 receptor subunit alpha 1 deficiency impairs  $\beta$  cell function in type 2 diabetes via cytochrome b5 reductase 3. *Cell reports*, 43(12), 115057.

Deng Y, et al. (2024) LIFR regulates cholesterol-driven bidirectional hepatocyte-neutrophil cross-talk to promote liver regeneration. *Nature metabolism*, 6(9), 1756.

Zhang X, et al. (2024) TMC7 functions as a suppressor of Piezo2 in primary sensory neurons blunting peripheral mechanotransduction. *Cell reports*, 43(4), 114014.

Sobinoff AP, et al. (2023) Irreversible inhibition of TRF2TRFH recruiting functions by a covalent cyclic peptide induces telomeric replication stress in cancer cells. *Cell chemical biology*, 30(12), 1652.

Hao J, et al. (2023) Keratinocyte FABP5-VCP complex mediates recruitment of neutrophils in psoriasis. *Cell reports*, 42(11), 113449.

Hsu YH, et al. (2023) Using brain cell-type-specific protein interactomes to interpret neurodevelopmental genetic signals in schizophrenia. *iScience*, 26(5), 106701.

Su JH, et al. (2023) Dual action of macrophage miR-204 confines cyclosporine A-induced atherosclerosis. *British journal of pharmacology*.

Xu M, et al. (2023) Heat shock factor 1 (HSF1) specifically potentiates c-MYC-mediated transcription independently of the canonical heat shock response. *Cell reports*, 42(6),

112557.

Shi Q, et al. (2022) Increased glucose metabolism in TAMs fuels O-GlcNAcylation of lysosomal Cathepsin B to promote cancer metastasis and chemoresistance. *Cancer cell*, 40(10), 1207.

Lianto P, et al. (2021) Characterization and prognostic value of LXR splice variants in triple-negative breast cancer. *iScience*, 24(10), 103212.

Gou X, et al. (2021) Transcriptional Reprogramming Differentiates Active from Inactive ESR1 Fusions in Endocrine Therapy-Refractory Metastatic Breast Cancer. *Cancer research*, 81(24), 6259.