

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

Mouse Anti-Serine, phospho Monoclonal Antibody, Unconjugated, Clone 16B4

RRID:AB_1128624

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-81514, RRID:AB_1128624

Antibody Information

URL: http://antibodyregistry.org/AB_1128624

Proper Citation: Santa Cruz Biotechnology Cat# sc-81514, RRID:AB_1128624

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation

Antibody Name: Mouse Anti-Serine, phospho Monoclonal Antibody, Unconjugated, Clone 16B4

Description: This monoclonal targets

Target Organism: rat, mouse, human

Clone ID: 16B4

Antibody ID: AB_1128624

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-81514

Record Creation Time: 20250819T225324+0000

Record Last Update: 20250820T033715+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Serine, phospho Monoclonal Antibody, Unconjugated, Clone 16B4.

No alerts have been found for Mouse Anti-Serine, phospho Monoclonal Antibody, Unconjugated, Clone 16B4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Zhang M, et al. (2025) Microbiota-derived urocanic acid triggered by tyrosine kinase inhibitors potentiates cancer immunotherapy efficacy. *Cell host & microbe*, 33(6), 915.

Wang M, et al. (2025) NEK8 promotes the progression of gastric cancer by reprogramming asparagine metabolism. *Molecular medicine (Cambridge, Mass.)*, 31(1), 3.

Feng Y, et al. (2025) TBK1 phagosomal recruitment enhances antifungal immunity via positive feedback regulation with SRC. *Cell reports*, 44(7), 115972.

Shen SY, et al. (2024) Optimizing rice grain size by attenuating phosphorylation-triggered functional impairment of a chromatin modifier ternary complex. *Developmental cell*, 59(4), 448.

Wang P, et al. (2023) Renal CD81 interacts with sodium potassium 2 chloride cotransporter and sodium chloride cotransporter in rats with lipopolysaccharide-induced preeclampsia. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 37(4), e22834.

Zhu Y, et al. (2021) USP19 exacerbates lipogenesis and colorectal carcinogenesis by stabilizing ME1. *Cell reports*, 37(13), 110174.

Zhu Y, et al. (2020) Dynamic Regulation of ME1 Phosphorylation and Acetylation Affects Lipid Metabolism and Colorectal Tumorigenesis. *Molecular cell*, 77(1), 138.

Zhou B, et al. (2019) Mitochondrial Permeability Uncouples Elevated Autophagy and Lifespan Extension. *Cell*, 177(2), 299.

Tang HW, et al. (2018) The TORC1-Regulated CPA Complex Rewires an RNA Processing Network to Drive Autophagy and Metabolic Reprogramming. *Cell metabolism*, 27(5), 1040.