

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

ROS-GC1 (B-7)

RRID:AB_10991113

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-376217, RRID:AB_10991113

Antibody Information

URL: http://antibodyregistry.org/AB_10991113

Proper Citation: Santa Cruz Biotechnology Cat# sc-376217, RRID:AB_10991113

Target Antigen: ROS-GC1 (B-7)

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: WB, IP, IF, ELISA

Antibody Name: ROS-GC1 (B-7)

Description: This monoclonal targets ROS-GC1 (B-7)

Target Organism: rat, mouse, human

Antibody ID: AB_10991113

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-376217

Record Creation Time: 20250820T000630+0000

Record Last Update: 20250820T072330+0000

Ratings and Alerts

No rating or validation information has been found for ROS-GC1 (B-7).

No alerts have been found for ROS-GC1 (B-7).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Haggerty KN, et al. (2024) Super-resolution mapping in rod photoreceptors identifies rhodopsin trafficking through the inner segment plasma membrane as an essential subcellular pathway. PLoS biology, 22(1), e3002467.

Haggerty KN, et al. (2023) Mapping rhodopsin trafficking in rod photoreceptors with quantitative super-resolution microscopy. bioRxiv : the preprint server for biology.

Makino CL, et al. (2019) Modes of Accessing Bicarbonate for the Regulation of Membrane Guanylate Cyclase (ROS-GC) in Retinal Rods and Cones. eNeuro, 6(1).