

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

RhoC (D40E4) XP(tm) Rabbit mAb

RRID:AB_2179246

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3430, RRID:AB_2179246

Antibody Information

URL: http://antibodyregistry.org/AB_2179246

Proper Citation: Cell Signaling Technology Cat# 3430, RRID:AB_2179246

Target Antigen: Rhoc

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W. Consolidation on 11/2018: AB_10364797, AB_10827989, AB_2179246.

Antibody Name: RhoC (D40E4) XP(tm) Rabbit mAb

Description: This monoclonal targets Rhoc

Target Organism: rat, mouse, human

Antibody ID: AB_2179246

Vendor: Cell Signaling Technology

Catalog Number: 3430

Record Creation Time: 20250819T235327+0000

Record Last Update: 20250820T064401+0000

Ratings and Alerts

No rating or validation information has been found for RhoC (D40E4) XP(tm) Rabbit mAb.

No alerts have been found for RhoC (D40E4) XP(tm) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Iwata W, et al. (2025) Context-dependent inhibitory roles of RhoA in 3D invasive cell migration within the extracellular matrix. *Cell reports*, 44(12), 116649.

Graham K, et al. (2024) Discovery of YAP1/TAZ pathway inhibitors through phenotypic screening with potent anti-tumor activity via blockade of Rho-GTPase signaling. *Cell chemical biology*, 31(7), 1247.

Kirchenwitz M, et al. (2023) RhoB promotes Salmonella survival by regulating autophagy. *European journal of cell biology*, 102(4), 151358.

Wolff DW, et al. (2022) Phosphorylation of guanosine monophosphate reductase triggers a GTP-dependent switch from pro- to anti-oncogenic function of EPHA4. *Cell chemical biology*, 29(6), 970.

Wang Q, et al. (2020) GRWD1 promotes cell proliferation and migration in non-small cell lung cancer by activating the Notch pathway. *Experimental cell research*, 387(2), 111806.

Bery N, et al. (2019) A Targeted Protein Degradation Cell-Based Screening for Nanobodies Selective toward the Cellular RHOB GTP-Bound Conformation. *Cell chemical biology*, 26(11), 1544.

Durkin CH, et al. (2017) RhoD Inhibits RhoC-ROCK-Dependent Cell Contraction via PAK6. *Developmental cell*, 41(3), 315.