# Resource Summary Report

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## EGFR (1005)-G Antibody (1005)

RRID:AB_631420
Type: Antibody

### Proper Citation

(Santa Cruz Biotechnology Cat# sc-03 (also sc-03-G), RRID:AB_631420)

### Antibody Information

**URL:** http://antibodyregistry.org/AB_631420

**Proper Citation:** (Santa Cruz Biotechnology Cat# sc-03 (also sc-03-G), RRID:AB_631420)

**Target Antigen:** EGFR (1005)

**Clonality:** polyclonal

**Comments:** Discontinued; Applications: WB, IP, IF, IHC(P), ELISA
Consolidated with AB_631421 on 09/26/16

**Antibody Name:** EGFR (1005)-G Antibody (1005)

**Description:** This polyclonal targets EGFR (1005)

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

**Defining Citation:** PMID:17111374

**Antibody ID:** AB_631420

**Vendor:** Santa Cruz Biotechnology

**Catalog Number:** sc-03 (also sc-03-G)

**Alternative Catalog Numbers:** sc-03-G

### Ratings and Alerts

No rating or validation information has been found for EGFR (1005)-G Antibody (1005).

Warning: Discontinued
Discontinued; Applications: WB, IP, IF, IHC(P), ELISA
Consolidated with AB_631421 on 09/26/16

## Data and Source Information

**Source:** Antibody Registry

## Usage and Citation Metrics

We found 22 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.


Zhang Q, et al. (2024) EZH2/G9a interact to mediate drug resistance in non-small-cell lung cancer by regulating the SMAD4/ERK/c-Myc signaling axis. Cell reports, 43(2), 113714.

Yin J, et al. (2023) Cross-talk between PARN and EGFR-STAT3 Signaling Facilitates Self-Renewal and Proliferation of Glioblastoma Stem Cells. Cancer research, 83(22), 3693.

Rau A, et al. (2022) Triple Targeting of HER Receptors Overcomes Heregulin-mediated Resistance to EGFR Blockade in Colorectal Cancer. Molecular cancer therapeutics, 21(5), 799.

Wu D, et al. (2021) An acetyl-histone vulnerability in PI3K/AKT inhibition-resistant cancers is targetable by both BET and HDAC inhibitors. Cell reports, 34(7), 108744.

Miao G, et al. (2021) ORF3a of the COVID-19 virus SARS-CoV-2 blocks HOPS complex-mediated assembly of the SNARE complex required for autolysosome formation. Developmental cell, 56(4), 427.

Dalton GD, et al. (2021) Hepatocyte activity of the cholesterol sensor smoothened regulates cholesterol and bile acid homeostasis in mice. iScience, 24(9), 103089.

Akdag M, et al. (2020) Proximal Biotinylation-Based Combinatory Approach for Isolating Integral Plasma Membrane Proteins. Journal of proteome research, 19(8), 3583.

Jeong D, et al. (2020) LRIG1-Mediated Inhibition of EGF Receptor Signaling Regulates Neural Precursor Cell Proliferation in the Neocortex. Cell reports, 33(2), 108257.

Röth S, et al. (2020) Targeting Endogenous K-RAS for Degradation through the Affinity-Directed Protein Missile System. Cell chemical biology, 27(9), 1151.

Wang Z, et al. (2020) Cell Lineage-Based Stratification for Glioblastoma. Cancer cell, 38(3), 366.

Simpson LM, et al. (2020) Inducible Degradation of Target Proteins through a Tractable Affinity-Directed Protein Missile System. Cell chemical biology, 27(9), 1164.

Lee HJ, et al. (2020) HSP90 Inhibitor, 17-DMAG, Alone and in Combination with Lapatinib Attenuates Acquired Lapatinib-Resistance in ER-positive, HER2-Overexpressing Breast Cancer Cell Line. Cancers, 12(9).

Chen D, et al. (2020) Inositol Polyphosphate Multikinase Inhibits Liquid-Liquid Phase Separation of TFEB to Negatively Regulate Autophagy Activity. Developmental cell, 55(5), 588.

Choi HJ, et al. (2019) CDK12 drives breast tumor initiation and trastuzumab resistance via WNT and IRS1-ErbB-PI3K signaling. EMBO reports, 20(10), e48058.

Rinis N, et al. (2018) Editing N-Glycan Site Occupancy with Small-Molecule Oligosaccharyltransferase Inhibitors. Cell chemical biology, 25(10), 1231.

Shin D, et al. (2017) Site-specific monoubiquitination downregulates Rab5 by disrupting effector binding and guanine nucleotide conversion. eLife, 6.

Hill SM, et al. (2017) Context Specificity in Causal Signaling Networks Revealed by Phosphoprotein Profiling. Cell systems, 4(1), 73.

Yang CR, et al. (2016) Embryonic Poly(A)-Binding Protein (EPAB) Is Required for Granulosa Cell EGF Signaling and Cumulus Expansion in Female Mice. Endocrinology, 157(1), 405.

Loh KH, et al. (2016) Proteomic Analysis of Unbounded Cellular Compartments: Synaptic Clefts. Cell, 166(5), 1295.

Franciosi F, et al. (2016) FSH Regulates mRNA Translation in Mouse Oocytes and Promotes Developmental Competence. Endocrinology, 157(2), 872.