

# Resource Summary Report

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## E-Cadherin (4A2)

RRID:AB\_2728770

Type: Antibody

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### Proper Citation

(Cell Signaling Technology Cat# 14472, RRID:AB\_2728770)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2728770](http://antibodyregistry.org/AB_2728770)

**Proper Citation:** (Cell Signaling Technology Cat# 14472, RRID:AB\_2728770)

**Target Antigen:** E-Cadherin

**Host Organism:** mouse

**Clonality:** monoclonal

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

**Antibody Name:** E-Cadherin (4A2)

**Description:** This monoclonal targets E-Cadherin

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

**Antibody ID:** AB\_2728770

**Vendor:** Cell Signaling Technology

**Catalog Number:** 14472

**Record Creation Time:** 20231110T033636+0000

**Record Last Update:** 20240725T100142+0000

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### Ratings and Alerts

No rating or validation information has been found for E-Cadherin (4A2).

No alerts have been found for E-Cadherin (4A2).

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 45 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Kim B, et al. (2024) CRACD loss induces neuroendocrine cell plasticity of lung adenocarcinoma. *Cell reports*, 43(6), 114286.

Gupta T, et al. (2024) Tracking in situ checkpoint inhibitor-bound target T cells in patients with checkpoint-induced colitis. *Cancer cell*, 42(5), 797.

Liu H, et al. (2024) Integrative molecular and spatial analysis reveals evolutionary dynamics and tumor-immune interplay of in situ and invasive acral melanoma. *Cancer cell*, 42(6), 1067.

Wang X, et al. (2024) *Fusobacterium nucleatum* facilitates anti-PD-1 therapy in microsatellite stable colorectal cancer. *Cancer cell*, 42(10), 1729.

Labrosse KB, et al. (2024) Protocol for quantifying drug sensitivity in 3D patient-derived ovarian cancer models. *STAR protocols*, 5(3), 103274.

Huang P, et al. (2024) *Peptostreptococcus stomatis* promotes colonic tumorigenesis and receptor tyrosine kinase inhibitor resistance by activating ERBB2-MAPK. *Cell host & microbe*, 32(8), 1365.

Yu L, et al. (2024) FcRn-dependent IgG accumulation in adipose tissue unmask obesity pathophysiology. *Cell metabolism*.

Olotu O, et al. (2024) Germline-specific RNA helicase DDX4 forms cytoplasmic granules in cancer cells and promotes tumor growth. *Cell reports*, 43(7), 114430.

He B, et al. (2024) Arachidonic acid released by PIK3CA mutant tumor cells triggers malignant transformation of colonic epithelium by inducing chromatin remodeling. *Cell reports. Medicine*, 5(5), 101510.

O'Guinn ML, et al. (2024) FXR deletion attenuates intestinal barrier dysfunction in murine acute intestinal inflammation. *American journal of physiology. Gastrointestinal and liver physiology*, 327(2), G175.

Li Q, et al. (2023) AID-induced CXCL12 upregulation enhances castration-resistant prostate cancer cell metastasis by stabilizing  $\beta$ -catenin expression. *iScience*, 26(12), 108523.

Thongnak L, et al. (2023) Metformin mitigates renal dysfunction in obese insulin-resistant rats via activation of the AMPK/PPAR $\alpha$  pathway. *Archives of pharmacal research*, 46(5), 408.

Li Q, et al. (2023) *Carnobacterium maltaromaticum* boosts intestinal vitamin D production to suppress colorectal cancer in female mice. *Cancer cell*, 41(8), 1450.

Bera S, et al. (2023) Regulation of SELENOF translation by eIF4a3: Possible role in prostate cancer progression. *Molecular carcinogenesis*, 62(12), 1803.

Yang W, et al. (2023) SHOX2 promotes prostate cancer proliferation and metastasis through disruption of the Hippo-YAP pathway. *iScience*, 26(9), 107617.

Pohlers M, et al. (2023) Th17 cells target the metabolic miR-142-5p-succinate dehydrogenase subunit C/D (SDHC/SDHD) axis, promoting invasiveness and progression of cervical cancers. *Molecular oncology*.

Ma Y, et al. (2023) Cytosolic LPS-induced caspase-11 oligomerization and activation is regulated by extended synaptotagmin 1. *Cell reports*, 42(7), 112726.

Basile G, et al. (2023) Excess pancreatic elastase alters acinar- $\beta$  cell communication by impairing the mechano-signaling and the PAR2 pathways. *Cell metabolism*, 35(7), 1242.

Jovanovi $\beta$  B, et al. (2023) Heterogeneity and transcriptional drivers of triple-negative breast cancer. *Cell reports*, 42(12), 113564.

Kombiyil S, et al. (2023) In Vitro Anti-cancer Effect of *Crataegus oxyacantha* Berry Extract on Hormone Receptor Positive and Triple Negative Breast Cancers via Regulation of Canonical Wnt Signaling Pathway. *Applied biochemistry and biotechnology*, 195(4), 2687.