# **Resource Summary Report**

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# Human/Mouse E-Cadherin Antibody

RRID:AB\_355504 Type: Antibody

#### **Proper Citation**

(R and D Systems Cat# AF648, RRID:AB\_355504)

#### Antibody Information

URL: http://antibodyregistry.org/AB\_355504

Proper Citation: (R and D Systems Cat# AF648, RRID:AB\_355504)

Target Antigen: E-Cadherin

Host Organism: Goat

Clonality: polyclonal

**Comments:** Applications: Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry, CyTOF-ready, Dual RNAscope ISH-IHC

Antibody Name: Human/Mouse E-Cadherin Antibody

Description: This polyclonal targets E-Cadherin

Target Organism: mouse, human

Antibody ID: AB\_355504

Vendor: R and D Systems

Catalog Number: AF648

Alternative Catalog Numbers: AF648-SP

Record Creation Time: 20241016T220240+0000

Record Last Update: 20241016T220544+0000

## **Ratings and Alerts**

No rating or validation information has been found for Human/Mouse E-Cadherin Antibody.

No alerts have been found for Human/Mouse E-Cadherin Antibody.

#### Data and Source Information

Source: Antibody Registry

### **Usage and Citation Metrics**

We found 21 mentions in open access literature.

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

Ng-Blichfeldt JP, et al. (2024) Identification of a core transcriptional program driving the human renal mesenchymal-to-epithelial transition. Developmental cell, 59(5), 595.

Takahashi J, et al. (2024) Controlled aggregative assembly to form self-organizing macroscopic human intestine from induced pluripotent stem cells. Cell reports methods, 4(12), 100930.

Múnera JO, et al. (2023) Development of functional resident macrophages in human pluripotent stem cell-derived colonic organoids and human fetal colon. Cell stem cell, 30(11), 1434.

Eicher AK, et al. (2022) Functional human gastrointestinal organoids can be engineered from three primary germ layers derived separately from pluripotent stem cells. Cell stem cell, 29(1), 36.

Olmsted ZT, et al. (2022) Generation of human elongating multi-lineage organized cardiac gastruloids. STAR protocols, 3(4), 101898.

Ryosaka M, et al. (2022) Protocol for the generation and expansion of human iPS cellderived ureteric bud organoids. STAR protocols, 3(3), 101484.

Takahashi J, et al. (2022) Suspension culture in a rotating bioreactor for efficient generation of human intestinal organoids. Cell reports methods, 2(11), 100337.

Olmsted ZT, et al. (2022) A combined human gastruloid model of cardiogenesis and neurogenesis. iScience, 25(6), 104486.

Koide T, et al. (2022) CDX2-induced intestinal metaplasia in human gastric organoids derived from induced pluripotent stem cells. iScience, 25(5), 104314.

Yucer N, et al. (2021) Human iPSC-derived fallopian tube organoids with BRCA1 mutation

recapitulate early-stage carcinogenesis. Cell reports, 37(13), 110146.

Koike H, et al. (2021) Engineering human hepato-biliary-pancreatic organoids from pluripotent stem cells. Nature protocols, 16(2), 919.

Cronan MR, et al. (2021) A non-canonical type 2 immune response coordinates tuberculous granuloma formation and epithelialization. Cell, 184(7), 1757.

Dabelsteen S, et al. (2020) Essential Functions of Glycans in Human Epithelia Dissected by a CRISPR-Cas9-Engineered Human Organotypic Skin Model. Developmental cell, 54(5), 669.

Manti M, et al. (2020) Excess of ovarian nerve growth factor impairs embryonic development and causes reproductive and metabolic dysfunction in adult female mice. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 34(11), 14440.

Dias A, et al. (2020) A Tgfbr1/Snai1-dependent developmental module at the core of vertebrate axial elongation. eLife, 9.

Chen L, et al. (2020) Multipotent Vascular Progenitor Cells of the Mesothelium Lineage Generated from Human Pluripotent Stem Cells. STAR protocols, 1(1), 100031.

Mae SI, et al. (2020) Expansion of Human iPSC-Derived Ureteric Bud Organoids with Repeated Branching Potential. Cell reports, 32(4), 107963.

Colunga T, et al. (2019) Human Pluripotent Stem Cell-Derived Multipotent Vascular Progenitors of the Mesothelium Lineage Have Utility in Tissue Engineering and Repair. Cell reports, 26(10), 2566.

Zhang X, et al. (2019) A Comprehensive Structure-Function Study of Neurogenin3 Disease-Causing Alleles during Human Pancreas and Intestinal Organoid Development. Developmental cell, 50(3), 367.

Trisno SL, et al. (2018) Esophageal Organoids from Human Pluripotent Stem Cells Delineate Sox2 Functions during Esophageal Specification. Cell stem cell, 23(4), 501.