Resource Summary Report

Generated by PRECISE-TBI on Sep 5, 2026

Monoclonal Anti-Uvomorulin/E-Cadherin antibody produced in rat

RRID:AB_477600
Type: Antibody

Proper Citation

Sigma-Aldrich Cat# U3254, RRID:AB_477600

Antibody Information

URL: http://antibodyregistry.org/AB_477600

Proper Citation: Sigma-Aldrich Cat# U3254, RRID:AB_477600

Target Antigen: Uvomorulin/E-Cadherin antibody produced in rat

Clonality: monoclonal

Comments: Vendor recommendations: IgG1 immunohistochemistry (frozen sections): suitable, immunoprecipitation: suitable, microarray: suitable, immunoblotting: suitable, indirect immunofluorescence: 1:1,600

Antibody Name: Monoclonal Anti-Uvomorulin/E-Cadherin antibody produced in rat

Description: This monoclonal targets Uvomorulin/E-Cadherin antibody produced in rat

Target Organism: canine, mouse, bovine, human

Defining Citation: PMID:22847514

Antibody ID: AB_477600

Vendor: Sigma-Aldrich

Catalog Number: U3254

Record Creation Time: 20231110T081522+0000

Record Last Update: 20260829T141828+0000

Ratings and Alerts

No rating or validation information has been found for Monoclonal Anti-Uvomorulin/E-Cadherin antibody produced in rat.

No alerts have been found for Monoclonal Anti-Uvomorulin/E-Cadherin antibody produced in rat.

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 PRECISE-TBI .

Hernández-Martínez R, et al. (2026) AXIN1 and AXIN2 regulate the WNT-signaling landscape to promote distinct mesoderm programs. Developmental cell, 61(7), 1572.

Formstone CJ, et al. (2026) A novel, PCP-dependent tissue organising principle coordinating morphogenesis between embryonic skin epidermal layers. Journal of anatomy.

Lemmetyinen TT, et al. (2024) Mesenchymal GDNF promotes intestinal enterochromaffin cell differentiation. iScience, 27(12), 111246.

Darrigrand JF, et al. (2024) Acinar-ductal cell rearrangement drives branching morphogenesis of the murine pancreas in an IGF/PI3K-dependent manner. Developmental cell, 59(3), 326.

Edri S, et al. (2024) 3D model of mouse embryonic pancreas and endocrine compartment using stem cell-derived mesoderm and pancreatic progenitors. iScience, 27(6), 109959.

Gredler ML, et al. (2023) Multicellular rosettes link mesenchymal-epithelial transition to radial intercalation in the mouse axial mesoderm. Developmental cell, 58(11), 933.

Ling C, et al. (2023) Rebalancing of mitochondrial homeostasis through an NAD+-SIRT1 pathway preserves intestinal barrier function in severe malnutrition. EBioMedicine, 96, 104809.

Gu Y, et al. (2022) Transmembrane protein KIRREL1 regulates Hippo signaling via a feedback loop and represents a therapeutic target in YAP/TAZ-active cancers. Cell reports, 40(9), 111296.

Maeda K, et al. (2022) Depletion of the apical endosome in response to viruses and bacterial toxins provides cell-autonomous host defense at mucosal surfaces. Cell host & microbe, 30(2), 216.

Morgani SM, et al. (2021) The transcription factor Rreb1 regulates epithelial architecture, invasiveness, and vasculogenesis in early mouse embryos. eLife, 10.

Cozzitorto C, et al. (2020) A Specialized Niche in the Pancreatic Microenvironment Promotes Endocrine Differentiation. Developmental cell, 55(2), 150.

Saitou M, et al. (2020) Functional Specialization of Human Salivary Glands and Origins of Proteins Intrinsic to Human Saliva. Cell reports, 33(7), 108402.

Kim E, et al. (2019) Isl1 Regulation of Nkx2.1 in the Early Foregut Epithelium Is Required for Trachea-Esophageal Separation and Lung Lobation. Developmental cell, 51(6), 675.

Malaguti M, et al. (2019) Id1 Stabilizes Epiblast Identity by Sensing Delays in Nodal Activation and Adjusting the Timing of Differentiation. Developmental cell, 50(4), 462.

Hayward AN, et al. (2019) A toolkit for studying cell surface shedding of diverse transmembrane receptors. eLife, 8.

Menchero S, et al. (2019) Transitions in cell potency during early mouse development are driven by Notch. eLife, 8.

Otsu W, et al. (2019) The Late Endosomal Pathway Regulates the Ciliary Targeting of Tetraspanin Protein Peripherin 2. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(18), 3376.

Kim IJ, et al. (2018) Helicobacter pylori Infection Modulates Host Cell Metabolism through VacA-Dependent Inhibition of mTORC1. Cell host & microbe, 23(5), 583.

Collins TN, et al. (2018) Crk proteins transduce FGF signaling to promote lens fiber cell elongation. eLife, 7.

Senft AD, et al. (2018) Combinatorial Smad2/3 Activities Downstream of Nodal Signaling Maintain Embryonic/Extra-Embryonic Cell Identities during Lineage Priming. Cell reports, 24(8), 1977.