Resource Summary Report

Generated by RRID on Aug 13, 2026

hCG beta antibody [5H4-E2]

RRID:AB_296507
Type: Antibody

Proper Citation

Abcam Cat# ab9582, RRID:AB_296507

Antibody Information

URL: http://antibodyregistry.org/AB_296507

Proper Citation: Abcam Cat# ab9582, RRID:AB_296507

Target Antigen: hCG beta

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA; Immunocytochemistry; Immunohistochemistry; Western Blot; ELISA, Immunocytochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Fr, Immunohistochemistry-P, Western Blot

Antibody Name: hCG beta antibody [5H4-E2]

Description: This monoclonal targets hCG beta

Target Organism: human

Clone ID: Clone 5H4-E2

Antibody ID: AB_296507

Vendor: Abcam

Catalog Number: ab9582

Record Creation Time: 20250819T235400+0000

Record Last Update: 20250820T064551+0000

Ratings and Alerts

No rating or validation information has been found for hCG beta antibody [5H4-E2].

No alerts have been found for hCG beta antibody [5H4-E2].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 23 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Molè MA, et al. (2026) Modeling human embryo implantation in vitro. Cell, 189(1), 87.

Song J, et al. (2026) 3D post-implantation co-culture of human embryo and endometrium. Cell stem cell, 33(1), 58.

Feng Z, et al. (2026) A Novel Human Cellular System for Studying Normal Aging and for Anti-Aging Discovery. Aging cell, 25(2), e70352.

Li Q, et al. (2026) A 3D in vitro model for studying human implantation and implantation failure. Cell, 189(1), 70.

Shaha SZ, et al. (2026) aPKC-? III promotes trophoblast fusion by altering Par-3 interactions with Hippo signaling kinase LATS1. Stem cell reports, 21(7), 102975.

Shibata S, et al. (2026) Rotational trophoblast organoids reveal biomechanical regulation of trophoblast differentiation. Cell reports, 45(7), 117637.

Karakis V, et al. (2025) Derivation of human trophoblast stem cells from placentas at birth. bioRxiv : the preprint server for biology.

Karakis V, et al. (2025) Derivation of human trophoblast stem cells from placentas at birth. The Journal of biological chemistry, 301(6), 108505.

Zhou J, et al. (2025) Development of apical out trophoblast stem cell derived organoids to model early human pregnancy. iScience, 28(3), 112099.

Xie H, et al. (2025) Modeling early gastrulation in human blastoids with DNA methylation patterns of natural blastocysts. Cell stem cell, 32(3), 409.

Jabeen M, et al. (2025) A quantitative image analysis platform for assessing trophoblast differentiation. Placenta, 166, 117.

Shannon MJ, et al. (2024) Single-cell assessment of primary and stem cell-derived human trophoblast organoids as placenta-modeling platforms. Developmental cell, 59(6), 776.

Iyer DP, et al. (2024) mTOR activity paces human blastocyst stage developmental progression. Cell, 187(23), 6566.

Karakis V, et al. (2023) Laminin switches terminal differentiation fate of human trophoblast stem cells under chemically defined culture conditions. The Journal of biological chemistry, 299(5), 104650.

Tan JP, et al. (2022) Establishment of human induced trophoblast stem cells via reprogramming of fibroblasts. Nature protocols, 17(12), 2739.

Ohgushi M, et al. (2022) Delamination of trophoblast-like syncytia from the amniotic ectodermal analogue in human primed embryonic stem cell-based differentiation model. Cell reports, 39(12), 110973.

Castel G, et al. (2022) Induction of human trophoblast stem cells. Nature protocols, 17(12), 2760.

Yanagida A, et al. (2021) Naive stem cell blastocyst model captures human embryo lineage segregation. Cell stem cell, 28(6), 1016.

Mischler A, et al. (2021) Two distinct trophectoderm lineage stem cells from human pluripotent stem cells. The Journal of biological chemistry, 296, 100386.

Io S, et al. (2021) Capturing human trophoblast development with naive pluripotent stem cells in vitro. Cell stem cell, 28(6), 1023.