

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

HEC1 antibody [9G3]

RRID:AB_303949

Type: Antibody

Proper Citation

Abcam Cat# ab3613, RRID:AB_303949

Antibody Information

URL: http://antibodyregistry.org/AB_303949

Proper Citation: Abcam Cat# ab3613, RRID:AB_303949

Target Antigen: HEC1 antibody [9G3]

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:2b;2 Flow Cyt, ICC/IF, IP, WB; Immunohistochemistry; Immunoprecipitation; Flow Cytometry; Western Blot; Immunocytochemistry; Immunofluorescence

Antibody Name: HEC1 antibody [9G3]

Description: This monoclonal targets HEC1 antibody [9G3]

Target Organism: porcine, pig, mouse, human

Antibody ID: AB_303949

Vendor: Abcam

Catalog Number: ab3613

Record Creation Time: 20231110T081448+0000

Record Last Update: 20260829T115656+0000

Ratings and Alerts

No rating or validation information has been found for HEC1 antibody [9G3].

No alerts have been found for HEC1 antibody [9G3].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Conway CC, et al. (2026) Single kinetochores execute an ordered series of molecular events as the spindle assembly checkpoint is silenced. Cell reports, 45(6), 117493.

Zhao G, et al. (2026) Kinetochore proteins control microtubule dynamics in postmitotic neurons to regulate the formation of dendritic spines. Proceedings of the National Academy of Sciences of the United States of America, 123(18), e2520684123.

Kixmoeller K, et al. (2025) Centromeric chromatin clearings demarcate the site of kinetochore formation. Cell, 188(5), 1280.

Miao J, et al. (2025) KIF18A promotes chromosome congression in cooperation with CENP-E downstream of CENP-C. Cell reports, 44(11), 116515.

Trier I, et al. (2023) ATR protects centromere identity by promoting DAXX association with PML nuclear bodies. Cell reports, 42(5), 112495.

Gomes AM, et al. (2022) Micronuclei from misaligned chromosomes that satisfy the spindle assembly checkpoint in cancer cells. Current biology : CB, 32(19), 4240.

Almeida AC, et al. (2022) Augmin-dependent microtubule self-organization drives kinetochore fiber maturation in mammals. Cell reports, 39(1), 110610.

Rosas-Salvans M, et al. (2022) The Astrin-SKAP complex reduces friction at the kinetochore-microtubule interface. Current biology : CB, 32(12), 2621.

Renda F, et al. (2022) Non-centrosomal microtubules at kinetochores promote rapid chromosome biorientation during mitosis in human cells. Current biology : CB, 32(5), 1049.

Roscioli E, et al. (2020) Ensemble-Level Organization of Human Kinetochores and Evidence for Distinct Tension and Attachment Sensors. Cell reports, 31(4), 107535.

Zielinska AP, et al. (2019) Meiotic Kinetochores Fragment into Multiple Lobes upon Cohesin Loss in Aging Eggs. Current biology : CB, 29(22), 3749.

Gemble S, et al. (2019) Centromere Dysfunction Compromises Mitotic Spindle Pole Integrity. Current biology : CB, 29(18), 3072.

Pereira C, et al. (2018) Self-Assembly of the RZZ Complex into Filaments Drives Kinetochores Expansion in the Absence of Microtubule Attachment. *Current biology : CB*, 28(21), 3408.

Ye F, et al. (2017) DISC1 Regulates Neurogenesis via Modulating Kinetochores Attachment of Ndel1/Nde1 during Mitosis. *Neuron*, 96(5), 1041.

Maciejowski J, et al. (2017) Mps1 Regulates Kinetochores-Microtubule Attachment Stability via the Ska Complex to Ensure Error-Free Chromosome Segregation. *Developmental cell*, 41(2), 143.