Resource Summary Report

Generated by NIF on Sep 9, 2026

Mouse Anti-Vimentin, phospho (Ser55) Monoclonal Antibody, Unconjugated, Clone 4A4

RRID:AB_447222
Type: Antibody

Proper Citation

Abcam Cat# ab22651, RRID:AB_447222

Antibody Information

URL: http://antibodyregistry.org/AB_447222

Proper Citation: Abcam Cat# ab22651, RRID:AB_447222

Target Antigen: Vimentin (phospho S55)

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: Mouse Anti-Vimentin, phospho (Ser55) Monoclonal Antibody, Unconjugated, Clone 4A4

Description: This monoclonal targets Vimentin (phospho S55)

Target Organism: rat, mouse, human

Clone ID: Clone 4A4

Antibody ID: AB_447222

Vendor: Abcam

Catalog Number: ab22651

Record Creation Time: 20231110T044452+0000

Record Last Update: 20260829T233422+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Vimentin, phospho (Ser55) Monoclonal Antibody, Unconjugated, Clone 4A4.

No alerts have been found for Mouse Anti-Vimentin, phospho (Ser55) Monoclonal Antibody, Unconjugated, Clone 4A4.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Wimmer R, et al. (2026) Two translocation mechanisms drive neural stem cell dissemination into the human fetal cortex. Neuron, 114(12), 2165.

Ribeiro JH, et al. (2025) A human-specific, concerted repression of microcephaly genes contributes to radiation-induced growth defects in cortical organoids. iScience, 28(2), 111853.

Arceneaux JS, et al. (2024) Multiparameter quantitative analyses of diagnostic cells in brain tissues from tuberous sclerosis complex. Cytometry. Part B, Clinical cytometry.

Cubillos P, et al. (2024) The growth factor EPIREGULIN promotes basal progenitor cell proliferation in the developing neocortex. The EMBO journal, 43(8), 1388.

Xing L, et al. (2021) Expression of human-specific ARHGAP11B in mice leads to neocortex expansion and increased memory flexibility. The EMBO journal, 40(13), e107093.

Shao W, et al. (2020) Centrosome anchoring regulates progenitor properties and cortical formation. Nature, 580(7801), 106.

Morrow CS, et al. (2020) Vimentin Coordinates Protein Turnover at the Aggresome during Neural Stem Cell Quiescence Exit. Cell stem cell, 26(4), 558.

Xing L, et al. (2020) Serotonin Receptor 2A Activation Promotes Evolutionarily Relevant Basal Progenitor Proliferation in the Developing Neocortex. Neuron, 108(6), 1113.

Journiac N, et al. (2020) Cell Metabolic Alterations due to Mcph1 Mutation in Microcephaly. Cell reports, 31(2), 107506.

Kalebic N, et al. (2019) Neocortical Expansion Due to Increased Proliferation of Basal Progenitors Is Linked to Changes in Their Morphology. Cell stem cell, 24(4), 535.

Nakagawa N, et al. (2019) Memo1-Mediated Tiling of Radial Glial Cells Facilitates Cerebral Cortical Development. Neuron, 103(5), 836.

Tejero R, et al. (2019) Gene signatures of quiescent glioblastoma cells reveal mesenchymal shift and interactions with niche microenvironment. EBioMedicine, 42, 252.

Kostic M, et al. (2019) YAP Activity Is Necessary and Sufficient for Basal Progenitor Abundance and Proliferation in the Developing Neocortex. Cell reports, 27(4), 1103.

Kalebic N, et al. (2018) Human-specific ARHGAP11B induces hallmarks of neocortical expansion in developing ferret neocortex. eLife, 7.

Long KR, et al. (2018) Extracellular Matrix Components HAPLN1, Lumican, and Collagen I Cause Hyaluronic Acid-Dependent Folding of the Developing Human Neocortex. Neuron, 99(4), 702.

Del Toro D, et al. (2017) Regulation of Cerebral Cortex Folding by Controlling Neuronal Migration via FLRT Adhesion Molecules. Cell, 169(4), 621.