

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

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

RRID:AB_592962

Type: Antibody

Proper Citation

MBL International Cat# D076-3S, RRID:AB_592962

Antibody Information

URL: http://antibodyregistry.org/AB_592962

Proper Citation: MBL International Cat# D076-3S, RRID:AB_592962

Target Antigen: vimentin, phospho (Ser55)

Host Organism: mouse

Clonality: monoclonal

Comments: manufacturer recommendations: ELISA; Immunocytochemistry; Western Blot; Western Blot, Immunocytochemistry, ELISA

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

Description: This monoclonal targets vimentin, phospho (Ser55)

Target Organism: rat, mouse, human

Clone ID: Clone 4A4

Defining Citation: [PMID:18273885](#)

Antibody ID: AB_592962

Vendor: MBL International

Catalog Number: D076-3S

Record Creation Time: 20250820T033037+0000

Record Last Update: 20250820T162626+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 7 mentions in open access literature.

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

Tisch M, et al. (2026) Aberrant calcium signaling and neuronal activity in the L271H CACNA1D (Cav1.3) iPSC model of neurodevelopmental disease. Molecular psychiatry.

Hu D, et al. (2025) Establishment of human cerebral organoid systems to model early neural development and assess the central neurotoxicity of environmental toxins. Neural regeneration research, 20(1), 242.

Penna E, et al. (2021) Development of the Neuro-Immune-Vascular Plexus in the Ventricular Zone of the Prenatal Rat Neocortex. Cerebral cortex (New York, N.Y. : 1991), 31(4), 2139.

Zhu Q, et al. (2021) Rack1 is essential for corticogenesis by preventing p21-dependent senescence in neural stem cells. Cell reports, 36(9), 109639.

Noctor SC, et al. (2019) Periventricular microglial cells interact with dividing precursor cells in the nonhuman primate and rodent prenatal cerebral cortex. The Journal of comparative neurology, 527(10), 1598.

Gabriel E, et al. (2017) Recent Zika Virus Isolates Induce Premature Differentiation of Neural Progenitors in Human Brain Organoids. Cell stem cell, 20(3), 397.

Martínez-Cerdeño V, et al. (2016) Evolutionary origin of Tbr2-expressing precursor cells and the subventricular zone in the developing cortex. The Journal of comparative neurology, 524(3), 433.