

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

Monoclonal Anti-Vimentin antibody produced in mouse

RRID:AB_477627

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# V6630, RRID:AB_477627

Antibody Information

URL: http://antibodyregistry.org/AB_477627

Proper Citation: Sigma-Aldrich Cat# V6630, RRID:AB_477627

Target Antigen: Vimentin antibody produced in mouse

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: IgG1 Immunofluorescence; Immunohistochemistry; Western Blot; immunohistochemistry (formalin-fixed, paraffin-embedded sections): 1:40

Antibody Name: Monoclonal Anti-Vimentin antibody produced in mouse

Description: This monoclonal targets Vimentin antibody produced in mouse

Target Organism: chicken, feline, monkey, rat, hamster, porcine, canine, chicken/bird, pig, horse, non-human primate, gerbil, rabbit, other mammalian, bovine, human

Defining Citation: [PMID:17245706](#), [PMID:20533360](#), [PMID:21344407](#)

Antibody ID: AB_477627

Vendor: Sigma-Aldrich

Catalog Number: V6630

Record Creation Time: 20250820T012501+0000

Record Last Update: 20250820T105225+0000

Ratings and Alerts

No rating or validation information has been found for Monoclonal Anti-Vimentin antibody produced in mouse.

No alerts have been found for Monoclonal Anti-Vimentin antibody produced in mouse.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Jinnou H, et al. (2025) Outer radial glia promotes white matter regeneration after neonatal brain injury. *Cell reports. Medicine*, 6(3), 101986.

Huang X, et al. (2025) Vimentin intermediate filaments coordinate actin stress fibers and podosomes to determine the extracellular matrix degradation by macrophages. *Developmental cell*, 60(12), 1669.

Celli L, et al. (2024) CRISPR/Cas9 mediated Y-chromosome elimination affects human cells transcriptome. *Cell & bioscience*, 14(1), 15.

García-García ÓD, et al. (2023) Comprehensive ex vivo and in vivo preclinical evaluation of novel chemo enzymatic decellularized peripheral nerve allografts. *Frontiers in bioengineering and biotechnology*, 11, 1162684.

Sobierajski E, et al. (2023) Development of myelin in fetal and postnatal neocortex of the pig, the European wild boar *Sus scrofa*. *Brain structure & function*, 228(3-4), 947.

Gage BK, et al. (2022) Therapeutic correction of hemophilia A by transplantation of hPSC-derived liver sinusoidal endothelial cell progenitors. *Cell reports*, 39(1), 110621.

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.

Burckhardt CJ, et al. (2021) Co-immunoprecipitation and semi-quantitative immunoblotting for the analysis of protein-protein interactions. *STAR protocols*, 2(3), 100644.

Burckhardt CJ, et al. (2021) SH3BP4 promotes neuropilin-1 and α 5-integrin endocytosis and is inhibited by Akt. *Developmental cell*, 56(8), 1164.

Campostrini G, et al. (2021) Generation, functional analysis and applications of isogenic three-dimensional self-aggregating cardiac microtissues from human pluripotent stem cells. *Nature protocols*, 16(4), 2213.

Zampetidis CP, et al. (2021) A recurrent chromosomal inversion suffices for driving escape from oncogene-induced senescence via subTAD reorganization. *Molecular cell*, 81(23), 4907.

Meraviglia V, et al. (2020) Generation of two human induced pluripotent stem cell lines, LUMCi020-A and LUMCi021-A, from two patients with Catecholaminergic Polymorphic Ventricular Tachycardia carrying heterozygous mutations in the RYR2 gene. *Stem cell research*, 45, 101764.

Gage BK, et al. (2020) Generation of Functional Liver Sinusoidal Endothelial Cells from Human Pluripotent Stem-Cell-Derived Venous Angioblasts. *Cell stem cell*, 27(2), 254.

Aguilar-Cuenca R, et al. (2020) Tyrosine Phosphorylation of the Myosin Regulatory Light Chain Controls Non-muscle Myosin II Assembly and Function in Migrating Cells. *Current biology : CB*, 30(13), 2446.

Meraviglia V, et al. (2020) Generation of human induced pluripotent stem cell line LUMCi027-A and its isogenic gene-corrected line from a patient affected by arrhythmogenic cardiomyopathy and carrying the c.2013delC PKP2 mutation. *Stem cell research*, 46, 101835.

Chaskiel L, et al. (2019) Interleukin-1 reduces food intake and body weight in rat by acting in the arcuate hypothalamus. *Brain, behavior, and immunity*, 81, 560.

Zeng Y, et al. (2019) Regulation of EZH2 by SMYD2-Mediated Lysine Methylation Is Implicated in Tumorigenesis. *Cell reports*, 29(6), 1482.

Awad M, et al. (2019) Onset of Appearance and Potential Significance of Telocytes in the Developing Fetal Lung. *Microscopy and microanalysis : the official journal of Microscopy Society of America, Microbeam Analysis Society, Microscopical Society of Canada*, 25(5), 1246.

van der Wal E, et al. (2019) Generation of genetically matched hiPSC lines from two mosaic facioscapulohumeral dystrophy type 1 patients. *Stem cell research*, 40, 101560.

Newell AJ, et al. (2018) Progesterone receptor expression in cajal-retzius cells of the developing rat dentate gyrus: Potential role in hippocampus-dependent memory. *The Journal of comparative neurology*, 526(14), 2285.