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 ?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.

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.

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.

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.

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.

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.

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.