

Resource Summary Report

Generated by [RRID](#) on Aug 1, 2026

Vinculin antibody [SPM227]

RRID:AB_444215

Type: Antibody

Proper Citation

Abcam Cat# ab18058, RRID:AB_444215

Antibody Information

URL: http://antibodyregistry.org/AB_444215

Proper Citation: Abcam Cat# ab18058, RRID:AB_444215

Target Antigen: Vinculin antibody [SPM227]

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunoprecipitation; Immunofluorescence; Immunohistochemistry; Immunohistochemistry - fixed; Western Blot; ICC/IF, IF, IHC-P, IP, WB

Antibody Name: Vinculin antibody [SPM227]

Description: This monoclonal targets Vinculin antibody [SPM227]

Target Organism: hamster, mouse, human

Antibody ID: AB_444215

Vendor: Abcam

Catalog Number: ab18058

Record Creation Time: 20250819T221358+0000

Record Last Update: 20250820T013219+0000

Ratings and Alerts

No rating or validation information has been found for Vinculin antibody [SPM227].

No alerts have been found for Vinculin antibody [SPM227].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Berry D, et al. (2025) The NF1 tumor suppressor regulates PD-L1 and immune evasion in melanoma. Cell reports, 44(3), 115365.

Martins SG, et al. (2024) Laminin- α 2 chain deficiency in skeletal muscle causes dysregulation of multiple cellular mechanisms. Life science alliance, 7(12).

Giangreco G, et al. (2024) Cancer cell - Fibroblast crosstalk via HB-EGF, EGFR, and MAPK signaling promotes the expression of macrophage chemo-attractants in squamous cell carcinoma. iScience, 27(9), 110635.

Bjune MS, et al. (2023) Metabolic role of the hepatic valine/3-hydroxyisobutyrate (3-HIB) pathway in fatty liver disease. EBioMedicine, 91, 104569.

Leung W, et al. (2023) FANCD2-dependent mitotic DNA synthesis relies on PCNA K164 ubiquitination. Cell reports, 42(12), 113523.

Rajkumar S, et al. (2022) Melanomas with concurrent BRAF non-p.V600 and NF1 loss-of-function mutations are targetable by BRAF/MEK inhibitor combination therapy. Cell reports, 39(1), 110634.

Tavasoli M, et al. (2022) A mouse model of inherited choline kinase γ -deficiency presents with specific cardiac abnormalities and a predisposition to arrhythmia. The Journal of biological chemistry, 298(3), 101716.

Kilgas S, et al. (2021) p97/VCP inhibition causes excessive MRE11-dependent DNA end resection promoting cell killing after ionizing radiation. Cell reports, 35(8), 109153.

Ruggiano A, et al. (2021) The protease SPRTN and SUMOylation coordinate DNA-protein crosslink repair to prevent genome instability. Cell reports, 37(10), 110080.

Balion Z, et al. (2020) Investigation of Cancer Cell Migration and Proliferation on Synthetic Extracellular Matrix Peptide Hydrogels. Frontiers in bioengineering and biotechnology, 8, 773.

Reggio A, et al. (2020) Metabolic reprogramming of fibro/adipogenic progenitors facilitates muscle regeneration. Life science alliance, 3(3).

Lau AN, et al. (2020) Dissecting cell-type-specific metabolism in pancreatic ductal adenocarcinoma. eLife, 9.

Oppezzo A, et al. (2020) Microphthalmia transcription factor expression contributes to bone marrow failure in Fanconi anemia. *The Journal of clinical investigation*, 130(3), 1377.

Kalappurakkal JM, et al. (2019) Integrin Mechano-chemical Signaling Generates Plasma Membrane Nanodomains that Promote Cell Spreading. *Cell*, 177(7), 1738.

Lopez-Gomez C, et al. (2019) Bioavailability and cytosolic kinases modulate response to deoxynucleoside therapy in TK2 deficiency. *EBioMedicine*, 46, 356.

Raghu D, et al. (2019) GALNT3 Maintains the Epithelial State in Trophoblast Stem Cells. *Cell reports*, 26(13), 3684.

Sullivan MR, et al. (2019) Increased Serine Synthesis Provides an Advantage for Tumors Arising in Tissues Where Serine Levels Are Limiting. *Cell metabolism*, 29(6), 1410.

Rolvering C, et al. (2018) The PD-L1- and IL6-mediated dampening of the IL27/STAT1 anticancer responses are prevented by α -PD-L1 or α -IL6 antibodies. *Journal of leukocyte biology*, 104(5), 969.

Iniguez AB, et al. (2018) EWS/FLI Confers Tumor Cell Synthetic Lethality to CDK12 Inhibition in Ewing Sarcoma. *Cancer cell*, 33(2), 202.

Shibata S, et al. (2018) Selective Laminin-Directed Differentiation of Human Induced Pluripotent Stem Cells into Distinct Ocular Lineages. *Cell reports*, 25(6), 1668.