

Resource Summary Report

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DO NOT USE THIS RRID. THIS IS NOT AN ANTIBODY.

Alex Fluor 546 Phalloidin

RRID:AB_2632953

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# A-22283, RRID:AB_2632953

Antibody Information

URL: http://antibodyregistry.org/AB_2632953

Proper Citation: Thermo Fisher Scientific Cat# A-22283, RRID:AB_2632953

Clonality: polyclonal

Comments: Discontinued; Molecular Probes product; data sheets are available for the following lot numbers Lot number 1094452; Lot number 1214350; Lot number 1351889; Lot number 1456974; Lot number 1618566; Lot number 1696382; Lot number 1775962; Lot number 787713

Antibody Name: DO NOT USE THIS RRID. THIS IS NOT AN ANTIBODY.
Alex Fluor 546 Phalloidin

Description: This polyclonal targets

Antibody ID: AB_2632953

Vendor: Thermo Fisher Scientific

Catalog Number: A-22283

Alternative Catalog Numbers: A22283

Record Creation Time: 20250819T212419+0000

Record Last Update: 20250819T225042+0000

Ratings and Alerts

No rating or validation information has been found for DO NOT USE THIS RRID. THIS IS NOT AN ANTIBODY.

Alex Fluor 546 Phalloidin.

Warning: Discontinued at Thermo Fisher Scientific

Discontinued; Molecular Probes product; data sheets are available for the following lot numbers Lot number 1094452; Lot number 1214350; Lot number 1351889; Lot number 1456974; Lot number 1618566; Lot number 1696382; Lot number 1775962; Lot number 787713

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 [NIF](#) .

Wu SCM, et al. (2026) Generation of induced pluripotent stem cell (JHUi009-A) and isogenic control (JHUi009-A-1) lines from a patient with vascular Ehlers-Danlos syndrome (vEDS) harboring a pathogenic c.2456G > A in COL3A1. Stem cell research, 95, 104023.

Drekolia MK, et al. (2026) Cystine import and oxidative catabolism fuel vascular growth and repair via nutrient-responsive histone acetylation. Cell metabolism, 38(1), 115.

Ming Wu SC, et al. (2026) Generation of an induced pluripotent stem cell and isogenic control line from a vascular Ehlers-Danlos Syndrome (vEDS) patient harboring a pathogenic c.755G>T in the COL3A1 gene. Stem cell research, 92, 103945.

Guo Z, et al. (2025) Cavity oscillation drives pattern formation in early mammalian embryos. Cell reports, 44(3), 115342.

Feizy N, et al. (2024) In vivo identification of Drosophila rhodopsin interaction partners by biotin proximity labeling. Scientific reports, 14(1), 1986.

Parisi MJ, et al. (2023) A conditional strategy for cell-type-specific labeling of endogenous excitatory synapses in Drosophila. Cell reports methods, 3(5), 100477.

Gredler ML, et al. (2023) Multicellular rosettes link mesenchymal-epithelial transition to radial intercalation in the mouse axial mesoderm. Developmental cell, 58(11), 933.

Kinoshita N, et al. (2022) Force-dependent remodeling of cytoplasmic ZO-1 condensates contributes to cell-cell adhesion through enhancing tight junctions. iScience, 25(2), 103846.

Wagner K, et al. (2022) Phospholipase D and retromer promote recycling of TRPL ion channel via the endoplasmic reticulum. Traffic (Copenhagen, Denmark), 23(1), 42.

Restrepo LJ, et al. (2022) γ -secretase promotes Drosophila postsynaptic development through the cleavage of a Wnt receptor. *Developmental cell*, 57(13), 1643.

Wang XF, et al. (2021) Polyploid mitosis and depolyploidization promote chromosomal instability and tumor progression in a Notch-induced tumor model. *Developmental cell*, 56(13), 1976.

Otsu K, et al. (2021) Oxygen regulates epithelial stem cell proliferation via RhoA-actomyosin-YAP/TAZ signal in mouse incisor. *Development (Cambridge, England)*, 148(4).

Chung S, et al. (2021) Isoform-specific roles of the Drosophila filamin-type protein Jitterbug (Jbug) during development. *Genetics*, 219(2).

Tamada M, et al. (2021) Toll receptors remodel epithelia by directing planar-polarized Src and PI3K activity. *Developmental cell*, 56(11), 1589.

Rutsch N, et al. (2021) Diabetes With Multiple Autoimmune and Inflammatory Conditions Linked to an Activating SKAP2 Mutation. *Diabetes care*, 44(8), 1816.

Maier JI, et al. (2021) EPB41L5 controls podocyte extracellular matrix assembly by adesome-dependent force transmission. *Cell reports*, 34(12), 108883.

Wilson C, et al. (2020) Protocol for Evaluating Neuronal Polarity in Murine Models. *STAR protocols*, 1(3), 100114.

Lee S, et al. (2020) Cofilin is required for polarization of tension in stress fiber networks during migration. *Journal of cell science*, 133(13).

Kinoshita N, et al. (2020) Mechanical Stress Regulates Epithelial Tissue Integrity and Stiffness through the FGFR/Erk2 Signaling Pathway during Embryogenesis. *Cell reports*, 30(11), 3875.

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