

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

SVEC4-10

RRID:CVCL_4393

Type: Cell Line

Proper Citation

ATCC Cat# CRL-2181, RRID:CVCL_4393

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4393

Proper Citation: ATCC Cat# CRL-2181, RRID:CVCL_4393

Description: Cell line SVEC4-10 is a Transformed cell line with a species of origin Mus musculus (Mouse)

Sex: Male

Defining Citation: [PMID:2153170](#), [PMID:8496612](#)

Category: Transformed cell line

Organism: Mus musculus (Mouse)

Name: SVEC4-10

Synonyms: SVEC 4-10

Cross References: BTO:BTO_0002826, CLO:CLO_0009173, EFO:EFO_0022793, ATCC:CRL-2181, BCRC:60220, CCTCC:GDC0212, CLS:305180, Lonza:1373, Wikidata:Q54971004

ID: CVCL_4393

Vendor: ATCC

Catalog Number: CRL-2181

Record Creation Time: 20220427T221614+0000

Record Last Update: 20260904T015802+0000

Ratings and Alerts

No rating or validation information has been found for SVEC4-10.

No alerts have been found for SVEC4-10.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Richmond G, et al. (2026) Large extracellular vesicles regulate endothelial angiogenic potential via paracrine and autocrine signaling. *The Journal of biological chemistry*, 302(3), 111193.

Krapi? M, et al. (2025) NK cell-derived IFN? mobilizes free fatty acids from adipose tissue to promote early B cell activation during viral infection. *Nature metabolism*, 7(5), 985.

Hong C, et al. (2025) Fingolimod Exerts Therapeutic Effects on Autistic Mice via Improving the Structure and Function of Meningeal Lymphatics. *CNS neuroscience & therapeutics*, 31(11), e70649.

Richmond G, et al. (2025) Large extracellular vesicles regulate endothelial angiogenic potential via paracrine and autocrine signaling. *bioRxiv : the preprint server for biology*.

Grosskopf AK, et al. (2025) Eph Receptor Tyrosine Kinases Are Functional Entry Receptors for Murine Gammaherpesvirus 68. *bioRxiv : the preprint server for biology*.

Großkopf AK, et al. (2025) Eph receptor tyrosine kinases are functional entry receptors for murine gammaherpesvirus 68. *PLoS pathogens*, 21(10), e1013263.

Gleichman AJ, et al. (2025) Regionally mapped astrocytic responses to cortical and white matter stroke show differential roles in astrocyte-induced vascular remodeling. *Neuron*, 113(24), 4178.

Perera B, et al. (2024) Isolation and Characterization of Antibodies Against Vascular Cell Adhesion Molecule-1 Reveals Putative Role for Ig-like Domains 2 and 3 in Cell-to-Cell Interaction. *International journal of molecular sciences*, 25(24).

Franzolin G, et al. (2024) PlexinB1 Inactivation Reprograms Immune Cells in the Tumor Microenvironment, Inhibiting Breast Cancer Growth and Metastatic Dissemination. *Cancer immunology research*, 12(9), 1286.

Zhu L, et al. (2024) IFN-?-responsiveness of lymphatic endothelial cells inhibits melanoma lymphatic dissemination via AMPK-mediated metabolic control. *Biochimica et biophysica acta. Molecular basis of disease*, 1870(7), 167314.

Garcia-Martin R, et al. (2022) Tissue differences in the exosomal/small extracellular vesicle proteome and their potential as indicators of altered tissue metabolism. *Cell reports*, 38(3), 110277.

Angulo G, et al. (2021) Cytomegalovirus restricts ICOSL expression on antigen-presenting cells disabling T cell co-stimulation and contributing to immune evasion. *eLife*, 10.

Winter C, et al. (2018) Chrono-pharmacological Targeting of the CCL2-CCR2 Axis Ameliorates Atherosclerosis. *Cell metabolism*, 28(1), 175.

Fukuhara T, et al. (2017) A novel immunotoxin reveals a new role for CD321 in endothelial cells. *PloS one*, 12(10), e0181502.