

Resource Summary Report

Generated by RRID on Sep 9, 2026

SVEC4-10

RRID:CVCL_4393

Type: Cell Line

Proper Citation

CLS Cat# 305180, RRID:CVCL_4393

Cell Line Information

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

Proper Citation: CLS Cat# 305180, 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: CLS

Catalog Number: 305180

Record Creation Time: 20220923T071614+0000

Record Last Update: 20260905T183028+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 [RRID](#) .

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.

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

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.

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.