

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

P815

RRID:CVCL_2154

Type: Cell Line

Proper Citation

RRID:CVCL_2154

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2154

Proper Citation: RRID:CVCL_2154

Description: Cell line P815 is a Cancer cell line with a species of origin *Mus musculus* (Mouse)

Sex: Male

Disease: Mouse mast cell neoplasm

Defining Citation: [PMID:1234049](#), [PMID:3792703](#), [PMID:4208429](#), [PMID:7513208](#), [PMID:10210327](#), [PMID:18432777](#), [PMID:25277546](#), [PMID:31220119](#)

Comments: Part of: Tumor Immunology Bank (TIB) collection from Salk (transferred to ATCC in 1981).

Category: Cancer cell line

Organism: *Mus musculus* (Mouse)

Name: P815

Synonyms: P-815, P 815

Cross References: BTO:BTO_0000985, CLO:CLO_0008340, CLO:CLO_0008341, CLO:CLO_0050217, CLDB:cl3784, CLDB:cl3785, CLDB:cl5244, ATCC:TIB-64, BCRC:60178, BCRJ:0200, BioSample:SAMN11397663, CCRID:1101MOU-PUMC000114, CCRID:3101MOUSCSP516, CCRID:3101MOUTCM12, CCRID:4201MOU-CCTCC00608, CCTCC:GDC0608, ChEMBL-Cells:ChEMBL3307568, ChEMBL-Targets:ChEMBL614226, CLS:400242, DSMZ:ACC-1, DSMZCellDive:ACC-1, IZSLER:BS TCL 118, JCRB:IFO50029, JCRB:JCRB0078, KCB:KCB 93032YJ, Lonza:187, NCBI_Iran:C550, PubChem_Cell_line:CVCL_2154, RCB:RCB1167, TKG:TKG 0168, Wikidata:Q54937317

ID: CVCL_2154

Record Creation Time: 20220427T221407+0000

Record Last Update: 20260725T235811+0000

Ratings and Alerts

No rating or validation information has been found for P815.

Warning: Discontinued: JCRB; IFO50029

Part of: Tumor Immunology Bank (TIB) collection from Salk (transferred to ATCC in 1981).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 234 mentions in open access literature.

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

Rochussen AM, et al. (2025) Transcriptional adaptation after deletion of Cdc42 in primary T cells. *Journal of cell science*, 138(15).

Reilly SP, et al. (2025) Unconventional CD8+ T cell surveillance of cytomegalovirus via Qa-1/HLA-E-restricted epitope recognition. *Science advances*, 11(51), eaea8707.

Kamnev A, et al. (2024) Coordinated ARP2/3 and glycolytic activities regulate the morphological and functional fitness of human CD8+ T cells. *Cell reports*, 43(3), 113853.

Takheaw N, et al. (2023) Cannabinoid Receptor 1 Agonist ACEA and Cannabinoid Receptor 2 Agonist GW833972A Attenuates Cell-Mediated Immunity by Different Biological Mechanisms. *Cells*, 12(6).

Kalinina A, et al. (2023) Unique features of the TCR repertoire of reactivated memory T cells in the experimental mouse tumor model. *Computational and structural biotechnology journal*, 21, 3196.

Wu T, et al. (2023) Exploring plant polyphenols as anti-allergic functional products to manage the growing incidence of food allergy. *Frontiers in nutrition*, 10, 1102225.

Raman SNT, et al. (2023) Bivalent vaccines effectively protect mice against influenza A and respiratory syncytial viruses. *Emerging microbes & infections*, 12(1), 2192821.

Yue J, et al. (2023) Mast cell activation mediates blood-brain barrier impairment and cognitive dysfunction in septic mice in a histamine-dependent pathway. *Frontiers in immunology*, 14, 1090288.

Ye X, et al. (2023) Characterization of the Molecular Diversity and Degranulation Activity of Mastoparan Family Peptides from Wasp Venoms. *Toxins*, 15(5).

Bailey C, et al. (2023) Genetic and pharmaceutical targeting of HIF1 α allows combination immunotherapy to boost graft vs. leukemia without exacerbation graft vs. host disease. *Cell reports. Medicine*, 4(11), 101236.

Jiang P, et al. (2023) Mast cell stabilization: new mechanism underlying the therapeutic effect of intense pulsed light on rosacea. *Inflammation research : official journal of the European Histamine Research Society ... [et al.]*, 72(1), 75.

Kotzur R, et al. (2023) Eradication of CD48-positive tumors by selectively enhanced YTS cells harnessing the lncRNA NeST. *iScience*, 26(8), 107284.

Guo Z, et al. (2022) Overexpression of DAPK1-mediated inhibition of IKK α /CSN5/PD-L1 axis enhances natural killer cell killing ability and inhibits tumor immune evasion in gastric cancer. *Cellular immunology*, 372, 104469.

Widyagarini A, et al. (2022) VSIG4/CD137 directly regulates early CD8 $^{+}$ T cell activation through its counter-receptor in a narrow window. *Biochemical and biophysical research communications*, 614, 100.

Falco M, et al. (2022) Epitope characterization of a monoclonal antibody that selectively recognizes KIR2DL1 allotypes. *HLA*, 100(2), 107.

Kristensen AB, et al. (2022) Phenotypic and functional characteristics of highly differentiated CD57 $^{+}$ NKG2C $^{+}$ NK cells in HIV-1-infected individuals. *Clinical and experimental immunology*, 210(2), 163.

Zöphel D, et al. (2022) Faster cytotoxicity with age: Increased perforin and granzyme levels in cytotoxic CD8 $^{+}$ T cells boost cancer cell elimination. *Aging cell*, 21(8), e13668.

Maruhashi T, et al. (2022) Binding of LAG-3 to stable peptide-MHC class II limits T cell function and suppresses autoimmunity and anti-cancer immunity. *Immunity*, 55(5), 912.

Valenzuela-Vázquez L, et al. (2022) NK cells with decreased expression of multiple activating receptors is a dominant phenotype in pediatric patients with acute lymphoblastic leukemia. *Frontiers in oncology*, 12, 1023510.

Snider DB, et al. (2022) Targeting KIT by frameshifting mRNA transcripts as a therapeutic strategy for aggressive mast cell neoplasms. *Molecular therapy : the journal of the American Society of Gene Therapy*, 30(1), 295.