Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 5, 2024

B6.129S2-Cd8a^{tm1Mak}/J

RRID:IMSR_JAX:002665
Type: Organism

Proper Citation

RRID:IMSR_JAX:002665

Organism Information

URL: https://www.jax.org/strain/002665

Proper Citation: RRID:IMSR_JAX:002665

Description: Mus musculus with name B6.129S2-Cd8a^{tm1Mak}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: CD8 subunit alpha; mutant strain|congenic strain: Cd8a

Affected Gene: CD8 subunit alpha

Genomic Alteration: targeted mutation 1; Tak Mak

Catalog Number: JAX:002665

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Organism Name: B6.129S2-Cd8a^{tm1Mak}/J

Ratings and Alerts

No rating or validation information has been found for B6.129S2-Cd8a^{tm1Mak}/J.

No alerts have been found for B6.129S2-Cd8a^{tm1Mak}/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 90 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Xue G, et al. (2024) Clinical drug screening reveals clofazimine potentiates the efficacy while reducing the toxicity of anti-PD-1 and CTLA-4 immunotherapy. Cancer cell.

Abdelwahab T, et al. (2023) Cytotoxic CNS-associated T cells drive axon degeneration by targeting perturbed oligodendrocytes in PLP1 mutant mice. iScience, 26(5), 106698.

Dmello C, et al. (2023) Checkpoint kinase 1/2 inhibition potentiates anti-tumoral immune response and sensitizes gliomas to immune checkpoint blockade. Nature communications, 14(1), 1566.

Golden JW, et al. (2023) Induced protection from a CCHFV-M DNA vaccine requires CD8+ T cells. Virus research, 334, 199173.

Ma L, et al. (2023) Vaccine-boosted CAR T crosstalk with host immunity to reject tumors with antigen heterogeneity. Cell, 186(15), 3148.

Ravindranathan S, et al. (2022) Targeting vasoactive intestinal peptide-mediated signaling enhances response to immune checkpoint therapy in pancreatic ductal adenocarcinoma. Nature communications, 13(1), 6418.

Démoulins T, et al. (2022) Induction of thymic atrophy and loss of thymic output by type-I interferons during chronic viral infection. Virology, 567, 77.

Haase S, et al. (2022) H3.3-G34 mutations impair DNA repair and promote cGAS/STING-mediated immune responses in pediatric high-grade glioma models. The Journal of clinical investigation, 132(22).

Anastasaki C, et al. (2022) Human induced pluripotent stem cell engineering establishes a humanized mouse platform for pediatric low-grade glioma modeling. Acta neuropathologica communications, 10(1), 120.

John J, et al. (2022) Divergent outcomes of anti-PD-L1 treatment coupled with host-intrinsic differences in TCR repertoire and distinct T cell activation states in responding versus non-responding tumors. Frontiers in immunology, 13, 992630.

Zheng N, et al. (2022) Induction of tumor cell autosis by myxoma virus-infected CAR-T and

TCR-T cells to overcome primary and acquired resistance. Cancer cell, 40(9), 973.

Huang Q, et al. (2022) The primordial differentiation of tumor-specific memory CD8+ T cells as bona fide responders to PD-1/PD-L1 blockade in draining lymph nodes. Cell, 185(22), 4049.

Williams GP, et al. (2021) CD4 T cells mediate brain inflammation and neurodegeneration in a mouse model of Parkinson's disease. Brain : a journal of neurology, 144(7), 2047.

Chen J, et al. (2021) PDL1-positive exosomes suppress antitumor immunity by inducing tumor-specific CD8+ T cell exhaustion during metastasis. Cancer science, 112(9), 3437.

Woolaver RA, et al. (2021) Differences in TCR repertoire and T cell activation underlie the divergent outcomes of antitumor immune responses in tumor-eradicating versus tumor-progressing hosts. Journal for immunotherapy of cancer, 9(1).

MacBeth M, et al. (2021) Plasticity of Naturally Occurring Regulatory T Cells in Allergic Airway Disease Is Modulated by the Transcriptional Activity of Il-6. International journal of molecular sciences, 22(9).

Strait AA, et al. (2021) Distinct immune microenvironment profiles of therapeutic responders emerge in combined TGF?/PD-L1 blockade-treated squamous cell carcinoma. Communications biology, 4(1), 1005.

Isringhausen S, et al. (2021) Chronic viral infections persistently alter marrow stroma and impair hematopoietic stem cell fitness. The Journal of experimental medicine, 218(12).

Forte E, et al. (2021) Cross-Priming Dendritic Cells Exacerbate Immunopathology After Ischemic Tissue Damage in the Heart. Circulation, 143(8), 821.

Joetham A, et al. (2020) Dichotomous role of TGF-? controls inducible regulatory T-cell fate in allergic airway disease through Smad3 and TGF-?-activated kinase 1. The Journal of allergy and clinical immunology, 145(3), 933.