

Resource Summary Report

Generated by [kravitz2](#) on Sep 18, 2026

B6.129S2-H2^{dlAb1-Ea}/J

RRID:IMSR_JAX:003584

Type: Organism

Proper Citation

RRID:IMSR_JAX:003584

Organism Information

URL: <https://www.jax.org/strain/003584>

Proper Citation: RRID:IMSR_JAX:003584

Description: Mus musculus with name B6.129S2-H2^{dlAb1-Ea}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129S-H2. B6.129-H2/J

Notes: gene symbol note: histocompatibility-2; MHC; mutant strain|congenic strain: H2

Affected Gene: histocompatibility-2; MHC

Genomic Alteration: targeted deletion; H2 complex

Catalog Number: JAX:003584

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129S2-H2^{dlAb1-Ea}/J

Record Creation Time: 20250513T053640+0000

Record Last Update: 20260912T060424+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S2-H2^{dlAb1-Ea}/J.

No alerts have been found for B6.129S2-H2^{dlAb1-Ea}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Wiggins KJ, et al. (2026) Transcriptional programming of early-forming memory B cells arises independently of cognate CD4+ T-cell interactions. *Journal of immunology* (Baltimore, Md. : 1950), 215(4).

Burrows K, et al. (2025) A gut commensal protozoan determines respiratory disease outcomes by shaping pulmonary immunity. *Cell*, 188(2), 316.

Fachi JL, et al. (2025) Fiber- and acetate-mediated modulation of MHC-II expression on intestinal epithelium protects from *Clostridioides difficile* infection. *Cell host & microbe*, 33(2), 235.

Das M, et al. (2025) *S. aureus* exposure during cutaneous antigen sensitization causes basophil- and interleukin-4-dependent exaggerated food anaphylaxis. *Immunity*.

Tatsumi N, et al. (2025) CD301b+ dendritic cell-derived IL-2 dictates CD4+ T helper cell differentiation. *Nature communications*, 16(1), 2002.

Ashayeripanah M, et al. (2024) Protocol to study ex vivo T cell priming by conventional dendritic cells from the mouse spleen. *STAR protocols*, 5(4), 103382.

Collins A, et al. (2024) Maternal inflammation regulates fetal emergency myelopoiesis. *Cell*, 187(6), 1402.

Ashayeripanah M, et al. (2024) Systemic inflammatory response syndrome triggered by blood-borne pathogens induces prolonged dendritic cell paralysis and immunosuppression. *Cell reports*, 43(2), 113754.

Luan J, et al. (2024) CD80 on skin stem cells promotes local expansion of regulatory T cells upon injury to orchestrate repair within an inflammatory environment. *Immunity*, 57(5), 1071.

Sadasivam M, et al. (2023) Renal tubular epithelial cells are constitutive non-cognate stimulators of resident T cells. *Cell reports*, 42(10), 113210.

Ghosh D, et al. (2022) Regulation of the BCR signalosome by the class II peptide editor, H2-M, affects the development and repertoire of innate-like B cells. *Cell reports*, 38(4), 110200.

Parsa R, et al. (2022) Newly recruited intraepithelial Ly6A+CCR9+CD4+ T cells protect against enteric viral infection. *Immunity*, 55(7), 1234.

Yeh CH, et al. (2022) Primary germinal center-resident T follicular helper cells are a physiologically distinct subset of CXCR5^{hi}PD-1^{hi} T follicular helper cells. *Immunity*, 55(2), 272.

Yousif AS, et al. (2021) The persistence of interleukin-6 is regulated by a blood buffer system derived from dendritic cells. *Immunity*, 54(2), 235.

Lu YJ, et al. (2021) CD4 T cell help prevents CD8 T cell exhaustion and promotes control of *Mycobacterium tuberculosis* infection. *Cell reports*, 36(11), 109696.

Zbesko JC, et al. (2021) IgA natural antibodies are produced following T-cell independent B-cell activation following stroke. *Brain, behavior, and immunity*, 91, 578.

Pandey S, et al. (2020) Pairwise Stimulations of Pathogen-Sensing Pathways Predict Immune Responses to Multi-adjuvant Combinations. *Cell systems*, 11(5), 495.

Biton M, et al. (2018) T Helper Cell Cytokines Modulate Intestinal Stem Cell Renewal and Differentiation. *Cell*, 175(5), 1307.