

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

B6(C)-H2-Ab1^{bm12}/KhEgJ

RRID:IMSR_JAX:001162

Type: Organism

Proper Citation

RRID:IMSR_JAX:001162

Organism Information

URL: <https://www.jax.org/strain/001162>

Proper Citation: RRID:IMSR_JAX:001162

Description: Mus musculus with name B6(C)-H2-Ab1^{bm12}/KhEgJ from IMSR.

Species: Mus musculus

Synonyms: B6.C-H2/KhEgJ. B6(C)-H2/KhEgJ

Notes: gene symbol note: histocompatibility 2; class II antigen A; beta 1; mutant strain: H2-Ab1

Affected Gene: histocompatibility 2; class II antigen A; beta 1

Genomic Alteration: b haplotype mutation 12

Catalog Number: JAX:001162

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6(C)-H2-Ab1^{bm12}/KhEgJ

Record Creation Time: 20250513T053624+0000

Record Last Update: 20260725T044332+0000

Ratings and Alerts

No rating or validation information has been found for B6(C)-H2-Ab1^{bm12}/KhEgJ.

No alerts have been found for B6(C)-H2-Ab1^{bm12}/KhEgJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Zubiaur M, et al. (2025) CD38 deficiency leads to a defective short-lived transcriptomic response to chronic graft-versus-host disease induction, involving purinergic signaling-related genes and distinct transcriptomic signatures associated with lupus. *Frontiers in immunology*, 16, 1441981.

Choi SC, et al. (2024) Glutaminolysis promotes the function of follicular helper T cells in lupus-prone mice. *bioRxiv : the preprint server for biology*.

Martínez-Blanco Á, et al. (2021) CD38 Deficiency Ameliorates Chronic Graft-Versus-Host Disease Murine Lupus via a B-Cell-Dependent Mechanism. *Frontiers in immunology*, 12, 713697.

Blessinger SA, et al. (2020) Immunodeficient mice are better for modeling the transfusion of human blood components than wild-type mice. *PloS one*, 15(7), e0237106.

Sivakumar R, et al. (2018) Protective Role of Myeloid Cells Expressing a G-CSF Receptor Polymorphism in an Induced Model of Lupus. *Frontiers in immunology*, 9, 1053.

Uehara M, et al. (2017) Regulation of T cell alloimmunity by PI3K γ and PI3K δ . *Nature communications*, 8(1), 951.

Pereira JP, et al. (2009) EBI2 mediates B cell segregation between the outer and centre follicle. *Nature*, 460(7259), 1122.