

Resource Summary Report

Generated by ASWG on Aug 14, 2026

C.129S7(B6)-Itgb2^{tm2Bay}/AbhmJ

RRID:IMSR_JAX:027003

Type: Organism

Proper Citation

RRID:IMSR_JAX:027003

Organism Information

URL: <https://www.jax.org/strain/027003>

Proper Citation: RRID:IMSR_JAX:027003

Description: Mus musculus with name C.129S7(B6)-Itgb2^{tm2Bay}/AbhmJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: integrin beta 2; mutant strain|congenic strain: Itgb2

Affected Gene: integrin beta 2

Genomic Alteration: targeted mutation 2; Baylor College of Medicine

Catalog Number: JAX:027003

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C.129S7(B6)-Itgb2^{tm2Bay}/AbhmJ

Record Creation Time: 20250513T053759+0000

Record Last Update: 20260808T050959+0000

Ratings and Alerts

No rating or validation information has been found for C.129S7(B6)-Itgb2^{tm2Bay}/AbhmJ.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human psoriasis.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Lucotti S, et al. (2025) Extracellular vesicles from the lung pro-thrombotic niche drive cancer-associated thrombosis and metastasis via integrin beta 2. Cell, 188(6), 1642.