

Resource Summary Report

Generated by ASWG on Aug 9, 2026

C57BL/6J-Mpl^{hlb219}/J

RRID:IMSR_JAX:005124

Type: Organism

Proper Citation

RRID:IMSR_JAX:005124

Organism Information

URL: <https://www.jax.org/strain/005124>

Proper Citation: RRID:IMSR_JAX:005124

Description: Mus musculus with name C57BL/6J-Mpl^{hlb219}/J from IMSR.

Species: Mus musculus

Synonyms: HLB-219. HLB219. C57BL/6J-hlb219/J

Notes: gene symbol note: Mpl proto-oncogene; thrombopoietin receptor; coisogenic strain|mutant strain: Mpl

Affected Gene: Mpl proto-oncogene; thrombopoietin receptor

Genomic Alteration: heart; lung and blood; 219

Catalog Number: JAX:005124

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: C57BL/6J-Mpl^{hlb219}/J

Record Creation Time: 20250513T053648+0000

Record Last Update: 20260808T050850+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Mpl^{hlb219}/J.

No alerts have been found for C57BL/6J-Mpl^{h1b219}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Kanazawa S, et al. (2022) Hematopoietic-Mesenchymal Signals Regulate the Properties of Mesenchymal Stem Cells. International journal of molecular sciences, 23(15).

Tang Y, et al. (2020) Megakaryocytes promote bone formation through coupling osteogenesis with angiogenesis by secreting TGF- β 1. Theranostics, 10(5), 2229.

Liu HD, et al. (2016) H₂S protects against fatal myelosuppression by promoting the generation of megakaryocytes/platelets. Journal of hematology & oncology, 9, 13.