Resource Summary Report

Generated by dkNET on Jul 30, 2026

B6.129S7-Itgb2^{tm1Bay}/J

RRID:IMSR_JAX:002128
Type: Organism

Proper Citation

RRID:IMSR_JAX:002128

Organism Information

URL: https://www.jax.org/strain/002128

Proper Citation: RRID:IMSR_JAX:002128

Description: Mus musculus with name B6.129S7-Itgb2^{tm1Bay}/J 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 1; Baylor College of Medicine

Catalog Number: JAX:002128

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129S7-Itgb2^{tm1Bay}/J

Record Creation Time: 20250513T053629+0000

Record Last Update: 20260725T044337+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S7-Itgb2^{tm1Bay}/J.

No alerts have been found for B6.129S7-Itgb2^{tm1Bay}/J.

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 dkNET .

Petenkova A, et al. (2023) Prenylcysteine oxidase 1 like protein is required for neutrophil bactericidal activities. Nature communications, 14(1), 2761.

Tomasek K, et al. (2022) Type 1 piliated uropathogenic Escherichia coli hijack the host immune response by binding to CD14. eLife, 11.

Tang Z, et al. (2021) Inflammatory macrophages exploit unconventional pro-phagocytic integrins for phagocytosis and anti-tumor immunity. Cell reports, 37(11), 110111.

Subramanian BC, et al. (2020) The LTB4-BLT1 axis regulates actomyosin and ?2-integrin dynamics during neutrophil extravasation. The Journal of cell biology, 219(10).

Swidergall M, et al. (2019) EphA2 Is a Neutrophil Receptor for Candida albicans that Stimulates Antifungal Activity during Oropharyngeal Infection. Cell reports, 28(2), 423.

Wang H, et al. (2015) P2RX7 sensitizes Mac-1/ICAM-1-dependent leukocyte-endothelial adhesion and promotes neurovascular injury during septic encephalopathy. Cell research, 25(6), 674.

Raftery MJ, et al. (2014) ?2 integrin mediates hantavirus-induced release of neutrophil extracellular traps. The Journal of experimental medicine, 211(7), 1485.