NZB/BINJ

Stock No: 000684 | NZB

Inbred Strain

AVAILABLE NOW

PLACE ORDER

Sized to accommodate orders of up to 10 or more with age range. Call Customer Service for details.

Overview

Also Known As: New Zealand Black, NZB

NZB/BINJ mice display a number of autoimmune abnormalities including hemolytic anemia, elevated levels of immunoglobulin, anti-
DNA antibodies, anti-thymocyte antibodies, and circulating immune complexes causing glomerulonephritis. F1 hybrids of NZB/BINJ and NZW/LacJ (NZBWf1/J, Stock No. 100008) are widely used as a model for autoimmune disease resembling human systemic lupus erythematosus. NZB/BINJ mice, fed an atherogenic diet, fail to develop atherosclerotic aortic lesions in contrast to several highly susceptible strains of mice.
Selected References

Genetics

Bfsp2

Il3ra

Pctp

Hc

Mx1

Ahr

Mir16-1

mt-Tr

Disease/Phenotype

Disease Terms

Research Areas By Genotype

Mammalian Phenotype Terms by Genotype

Phenotype Information

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols
Genotyping resources and troubleshooting

Dietary Information
LabDiet® 5K52 formulation (6% fat)
Breeding Considerations

This strain is a challenging breeder.

Additional Breeding and Husbandry Support

Mating System

Sibling x Sibling

Appearance

black
Related Genotype: a/a

Citation

Animal Health Reports

When using the NZB mouse strain in a publication, please include JAX stock #000684 in your Materials and Methods section.

Facility Barrier Level Descriptions

MP16 (Standard)

Pricing & Availability

Sized to accommodate orders of up to 10 or more with age range. Call Customer Service for details.

Live Mouse

<table>
<thead>
<tr>
<th>AGE</th>
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All

By Allele

By Gene

By Collection

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BALB/cByJ
Stock No: 001026
Related By:
Ahr

BALB/c
Stock No: 000651
Related By:
Mx1, Mx1<sup>51</sup>

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