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 (NZBW1/J, Stock No. 100008) are widely used as a model for autoimmune disease resembling human systemic lupus erythematosus. NZB/BlNJ mice, fed an atherogenic diet, fail to develop atherosclerotic aortic lesions in contrast to several highly susceptible strains of mice.

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

Animal Health Reports
Facility Barrier Level Descriptions

MP16 (Standard)

Pricing & Availability

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

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<th>AGE</th>
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By Allele

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