B6.PL-Thy1.CyJ

Stock No: 000406 | B6 Thy1.1

AVAILABLE NOW

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Overview
This C57BL/6J congenic strain is useful because it carries the T lymphocyte specific $Thy1^a$ (Thy1.1) allele. Donor T cells can be easily distinguished from recipient T cells by both flow cytometric and histological analysis using appropriate antibodies.

**Donating Investigator**

Dr. Marianna Cherry, JAX

**GENETIC OVERVIEW**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>000664 C57BL/6J</td>
<td>Contact Technical Support (2018-07-27 00:00:00)</td>
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</table>

**Thy1**

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Not Applicable</td>
<td>$Thy1$</td>
<td>thymus cell antigen 1, theta</td>
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</tbody>
</table>

**RESEARCH APPLICATIONS**

Immunology, Inflammation and Autoimmunity Research

**Research Tools**

**BASE PRICE**

Starting at:

$71.66 Domestic price for male 4-week

**Details**

This C57BL/6J congenic strain is useful because it carries the T lymphocyte specific $Thy1^a$ (Thy1.1) allele. Donor T cells can be easily distinguished from recipient T cells by both flow cytometric and histological analysis using appropriate antibodies.

**Development**
Genotyping Protocols
End Point Analysis: Thy1 End Point
Genotyping resources and troubleshooting

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

Breeding Considerations
This strain is a good breeder.

Additional Breeding and Husbandry Support

Mating System
Sibling x Sibling

Appearance
black

Related Genotype: a/a

Citation
When using the B6 Thy1 mouse strain in a publication, please cite the originating article(s) and include JAX stock #000406 in your Materials and Methods section.

Animal Health Reports

Pricing & Availability
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### Live Mouse

<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>4 weeks</td>
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<td>Homozygous for Thy1&lt;sup&gt;a&lt;/sup&gt;</td>
<td>$73.01</td>
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<td></td>
<td>Male</td>
<td>Homozygous for Thy1&lt;sup&gt;a&lt;/sup&gt;</td>
<td>$71.66</td>
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<td></td>
<td>Male</td>
<td>Homozygous for Thy1&lt;sup&gt;a&lt;/sup&gt;</td>
<td>$71.66</td>
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<tr>
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<td></td>
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<td>$90.26</td>
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Email: [TechTran@jax.org](mailto:TechTran@jax.org)
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All

By Allele

By Gene