B6.129S4-Traf1^tm1Ti/J

Stock No: 008076

Genetic, Targeted Mutation

Overview

Also Known As: C57BL/6 TRAF

These TRAF1 mutant mice may be useful in studying negative regulation of tumor necrosis factor (TNF) signaling, NF-κB and AP-1 signaling, T cell receptor (TCR)-induced proliferation of T cells, Th2 responses, TRAF1/Bim function in CD8 memory T cell survival, allergic airway diseases and Rheumatoid arthritis, as well as the role of TRAF1 activation in the pathogenesis of lymphomas. Of note, TRAF1 mutant mice are available on either a BALB/c congenic (Stock No. 008074) or C57BL/6 congenic (Stock No. 008076) background.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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</thead>
<tbody>
<tr>
<td>Traf1^tm1Ti</td>
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<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Targeted (Null/Knockout)</td>
<td>Traf1</td>
<td>TNF receptor-associated factor 1</td>
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