B6.129S2-Irf1^tm1Kay/J

Additional Use Restrictions Apply

Stock No: 002762 | Irf1 KO

Congenic, Targeted Mutation

Overview

Also Known As: Irf1 KO

Type I interferon gene induction is abnormal in homozygous mice. They exhibit impairment of CD8\(^+\) T cell and NK cell maturation, impaired IL-12 macrophage production, exclusive Th2 differentiation, and defective Th1.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>C57BL/6</td>
<td>N11F49</td>
</tr>
<tr>
<td></td>
<td>(02-APR-18&lt;)</td>
</tr>
</tbody>
</table>

Irf1^tm1Kay

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Targeted (Null/Knockout)</td>
<td>Irf1</td>
<td>interferon regulatory factor 1</td>
</tr>
</tbody>
</table>

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