B6.129P2-Fcgr3^{tm1sv/J}

Stock No: 003171 | Fc RII

Congenic, Targeted Mutation

Overview

Also Known As: Fc RII

Homozygous mice deficient for the ligand-binding alpha chain of Fc gamma RIII lack NK cell-mediated antibody-dependent cytotoxicity and phagocytosis of IgG1-coated particles by macrophages.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>C57BL/6</td>
<td>N9F3</td>
</tr>
<tr>
<td></td>
<td>(02-APR-18-)</td>
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</tbody>
</table>

Fcgr3^{tm1sv/J}

<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>Fcgr3</td>
<td>Fc receptor, IgG, low affinity III</td>
</tr>
</tbody>
</table>

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