NOD.129S2(B6)-H2-Ab1^{tm1Dai}/DvsJ

Additional Use Restrictions Apply

Stock No: 004256 | MHC class II-deficient

Congenic, Targeted Mutation

Overview

Also Known As: MHC class II-deficient

NOD/Lt females homozygous for this class II targeted disruption are protected from autoimmune diabetes but develop pancreatitis. They lack peripheral CD4^{+} T cells but have mature peripheral B cells.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>H2-Ab1^{tm1Dai}</td>
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</table>

<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>H2-Ab1</td>
<td>histocompatibility 2, class II antigen A, beta 1</td>
</tr>
</tbody>
</table>

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