Product datasheet

Anti-Interferon gamma antibody ab136390

Overview

Product name | Anti-Interferon gamma antibody
Description | Rabbit polyclonal to Interferon gamma
Host species | Rabbit
Tested applications | Suitable for: WB
Species reactivity | Reacts with: Chicken
Immunogen | Recombinant Chicken Interferon gamma.

Properties

Form | Liquid
Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer | Preservative: 0.01% Sodium azide
Constituent: 99% PBS
Purity | Protein A purified
Clonality | Polyclonal
Isotype | IgG

Applications

Our Abpromise guarantee covers the use of ab136390 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td></td>
<td>Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 19 kDa.</td>
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</tbody>
</table>

Target

Function | Produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions. It is a potent activator of
macrophages, it has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons.

<table>
<thead>
<tr>
<th>Tissue specificity</th>
<th>Released primarily from activated T lymphocytes.</th>
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<tbody>
<tr>
<td>Involvement in disease</td>
<td>In Caucasians, genetic variation in IFNG is associated with the risk of aplastic anemia (AA) [MIM:609135]. AA is a rare disease in which the reduction of the circulating blood cells results from damage to the stem cell pool in bone marrow. In most patients, the stem cell lesion is caused by an autoimmune attack. T-lymphocytes, activated by an endogenous or exogenous, and most often unknown antigenic stimulus, secrete cytokines, including IFN-gamma, which would in turn be able to suppress hematopoiesis.</td>
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<tr>
<td>Sequence similarities</td>
<td>Belongs to the type II (or gamma) interferon family.</td>
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<tr>
<td>Post-translational</td>
<td>Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at Gly-150, Met-157 or Gly-161.</td>
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<tr>
<td>modifications</td>
<td></td>
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<tr>
<td>Cellular localization</td>
<td>Secreted.</td>
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</table>

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