Product datasheet

Anti-IL-17 antibody [TC11-18H10] ab118869

Overview

Product name: Anti-IL-17 antibody [TC11-18H10]
Description: Rat monoclonal [TC11-18H10] to IL-17
Host species: Rat
Tested applications: Suitable for: Sandwich ELISA, WB, IHC-P, Flow Cyt
Species reactivity: Reacts with: Mouse
Immunogen: Other Immunogen Type corresponding to Escherichia coli IL-17.
Positive control: Mouse spleen tissue
General notes: Abcam is committed to meeting high standards of ethical manufacturing and has decided to discontinue this product by June 2019 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer: pH: 8.2
Constituent: 99% Borate buffered saline
Purity: IgG fraction
Purification notes: Purified from ascites.
Clonality: Monoclonal
Clone number: TC11-18H10
Isotype: IgG1

Applications

Our Abpromise guarantee covers the use of ab118869 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Function

Ligand for IL17RA and IL17RC (PubMed:17911633). The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC (PubMed:18684971). Involved in inducing stromal cells to produce proinflammatory and hematopoietic cytokines (PubMed:8676080).

Tissue specificity

Restricted to activated memory T-cells.

Sequence similarities

Belongs to the IL-17 family.

Post-translational modifications

Found both in glycosylated and nonglycosylated forms.

Cellular localization

Secreted.

**Target**

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sandwich ELISA</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>WB</td>
<td></td>
<td>Use at an assay dependent concentration. Predicted molecular weight: 17 kDa.</td>
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<tr>
<td>IHC-P</td>
<td></td>
<td>Use a concentration of 10 µg/ml.</td>
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<tr>
<td>Flow Cyt</td>
<td></td>
<td>Use at an assay dependent concentration. ab18407 - Rat monoclonal IgG1, is suitable for use as an isotype control with this antibody.</td>
</tr>
</tbody>
</table>

**Images**

Paraffin-embedded Mouse spleen tissue labelled with ab118869 at 10 µg/ml

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-17 antibody [TC11-18H10] (ab118869)

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