Anti-BAFF antibody ab8396

Overview

Product name: Anti-BAFF antibody
Description: Rabbit polyclonal to BAFF
Host species: Rabbit
Tested applications: Suitable for: ICC/IF, WB
Species reactivity: Reacts with: Mouse, Rat, Human
Immunogen: Synthetic peptide, corresponding to amino acids 254-269 of Human BAFF.
Positive control: Purchase matching WB positive control: Recombinant Human BAFF protein
General notes: BAFF is also known as B cell Activating Factor

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C.
Storage buffer: Preservative: 0.02% Sodium azide
Purity: Ion Exchange Chromatography
Clonality: Polyclonal
Isotype: IgG
Light chain type: unknown

Applications

Our Abpromise guarantee covers the use of ab8396 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>ICC/IF</td>
<td></td>
<td>Use a concentration of 1 µg/ml.</td>
</tr>
</tbody>
</table>
Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands - 2 receptors pathway involved in the stimulation of B-and T-cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B-cells and the B-cell response.

Abundantly expressed in peripheral blood leukocytes and is specifically expressed in monocytes and macrophages. Also found in the spleen, lymph node, bone marrow, T-cells and dendritic cells. A lower expression seen in placenta, heart, lung, fetal liver, thymus, and pancreas.

Belongs to the tumor necrosis factor family.

The soluble form derives from the membrane form by proteolytic processing. N-glycosylated.

Secreted and Cell membrane.

<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 0.25 - 1 µg/ml. Detects a band of approximately 34 kDa. Can be blocked with BAFF peptide (ab8397).</td>
</tr>
</tbody>
</table>

**Target**

**Function**

Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands - 2 receptors pathway involved in the stimulation of B-and T-cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B-cells and the B-cell response.

**Tissue specificity**

Abundantly expressed in peripheral blood leukocytes and is specifically expressed in monocytes and macrophages. Also found in the spleen, lymph node, bone marrow, T-cells and dendritic cells. A lower expression seen in placenta, heart, lung, fetal liver, thymus, and pancreas.

Belongs to the tumor necrosis factor family.

The soluble form derives from the membrane form by proteolytic processing. N-glycosylated.

**Cellular localization**

Secreted and Cell membrane.

**Images**

**Western blot - Anti-BAFF antibody (ab8396)**

- All lanes: Anti-BAFF antibody (ab8396) at 1 µg/ml
- Lane 1: Human HL60 cell lysate
- Lane 2: Murine spleen tissue lysate

**Observed band size:** 34 kDa

*why is the actual band size different from the predicted?*

ab8396 at 1 µg/ml staining BAFF in HL60 cells by ICC/IF

**Immunocytochemistry/ Immunofluorescence - Anti-BAFF antibody (ab8396)**

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"
Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors