

### Anti-BAFF-R antibody ab5965

[9 References](#) [4 Images](#)

#### Overview

<b>Product name</b>	Anti-BAFF-R antibody
<b>Description</b>	Rabbit polyclonal to BAFF-R
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide corresponding to Human BAFF-R (C terminal). (Peptide available as <a href="#">ab6086</a> )
<b>Positive control</b>	WB: Human, Mouse or Rat spleen tissue lysate. IHC: human lymphoid tissue (see review), human tonsil tissue
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.02% Sodium azide
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	BAFF-R Antibody is affinity chromatography purified via peptide column.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab5965 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 2 - 5 µg/ml. Predicted molecular weight: 19 kDa.
IHC-P		1/1000 - 1/2000.

## Target

### Function

B-cell receptor specific for TNFSF13B/TALL1/BAFF/BLyS. Promotes the survival of mature B-cells and the B-cell response.

### Tissue specificity

Highly expressed in spleen and lymph node, and in resting B-cells. Detected at lower levels in activated B-cells, resting CD4+ T-cells, in thymus and peripheral blood leukocytes.

### Involvement in disease

Defects in TNFRSF13C are the cause of immunodeficiency common variable type 4 (CVID4) [MIM:613494]; also called antibody deficiency due to BAFFR defect. CVID4 is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections and an inability to mount an antibody response to antigen. The defect results from a failure of B-cell differentiation and impaired secretion of immunoglobulins; the numbers of circulating B cells is usually in the normal range, but can be low.

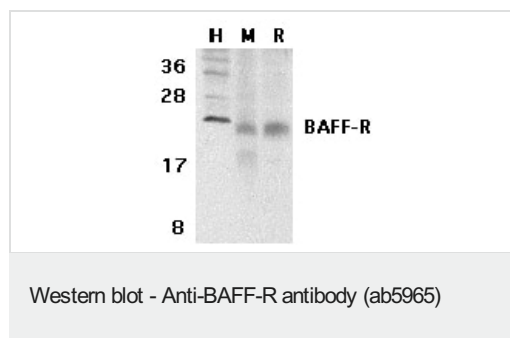
### Sequence similarities

Contains 1 TNFR-Cys repeat.

### Cellular localization

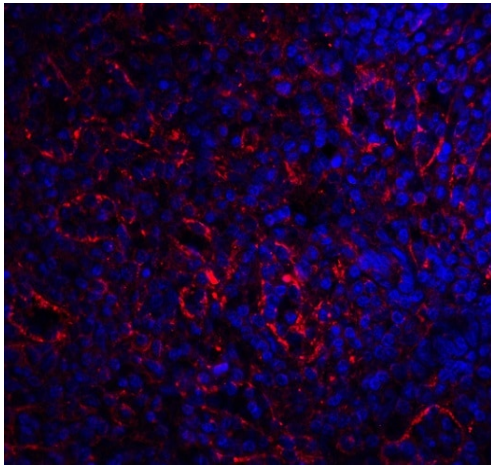
Membrane.

## Images



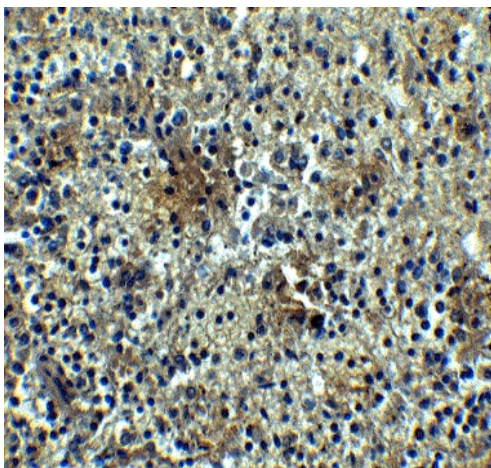
Western blot analysis of BAFF-R in human (H), mouse (M), and rat (R) spleen tissue lysates with ab5965 at 5 µg/ml.

Western blot analysis of BAFF-R in human (H), mouse (M), and rat (R) spleen tissue lysates with ab5965 at 5 µg/ml.



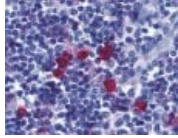
Immunohistochemistry (Formalin-fixed paraffin embedded sections) of human spleen tissue labeling BAFF-R with Anti-BAFF-R antibody (ab5965) at 20µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BAFF-R antibody (ab5965)



Immunohistochemistry of BAFF-R in human spleen tissue with BAFF-R antibody at 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BAFF-R antibody (ab5965)



Immunohistochemistry (formalin-fixed paraffin-embedded) of BAFF-R in human tonsil tissue with ab5965 at 5 ug/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BAFF-R antibody (ab5965)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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