



## Product datasheet

# Anti-BAFF-R antibody [5A9B6] ab233775

1 References 4 Images

### Overview

<b>Product name</b>	Anti-BAFF-R antibody [5A9B6]
<b>Description</b>	Mouse monoclonal [5A9B6] to BAFF-R
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Human
<b>Immunogen</b>	<p>Recombinant fragment corresponding to Human BAFF-R aa 1-78. Expressed in E.coli. Sequence:</p> <p>MRRGPRSLRGRDAPAPTPCVPAECFDLLVRHCVACGLL RTPRPKPAGASS PAPRTALQPQESVGAGAGEAALPLPGLL</p> <p>Database link: <a href="#">Q96RJ3</a></p> <p style="text-align: right;"> <a href="#">Run BLAST with</a>       <a href="#">Run BLAST with</a></p>
<b>Positive control</b>	WB: BAFF-R (AA: extra 1-78) recombinant protein; BAFF-R (AA: extra 1-78)-hlgGFc transfected HEK-293 cell lysate; C6 cell lysate. Flow: Raji cells.
<b>General notes</b>	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as</p>

customer reviews and Q&As.

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.05% Sodium azide Constituent: PBS
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Purified from tissue culture supernatant.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	5A9B6
<b>Isotype</b>	IgG2b

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab233775** 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		1/500 - 1/2000.
Flow Cyt		1/200 - 1/400.

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## Target

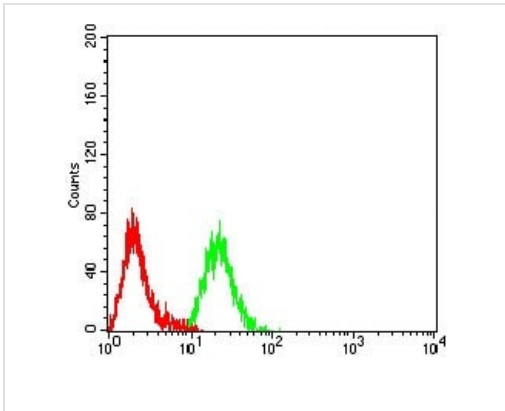
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<b>Function</b>	B-cell receptor specific for TNFSF13B/TALL1/BAFF/BLyS. Promotes the survival of mature B-cells and the B-cell response.
<b>Tissue specificity</b>	Highly expressed in spleen and lymph node, and in resting B-cells. Detected at lower levels in activated B-cells, resting CD4+ T-cells, in thymus and peripheral blood leukocytes.
<b>Involvement in disease</b>	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.
<b>Sequence similarities</b>	Contains 1 TNFR-Cys repeat.
<b>Cellular localization</b>	Membrane.

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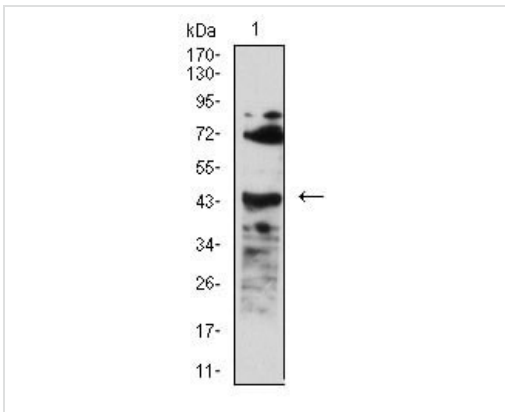
## Images

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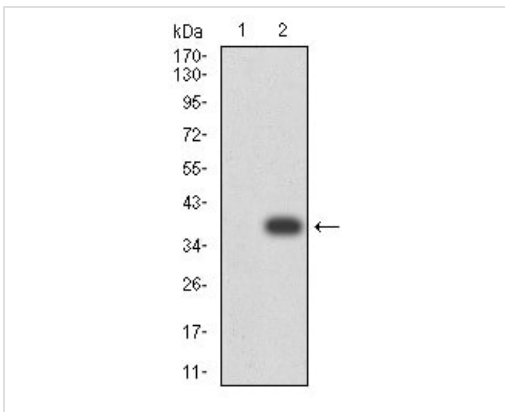
Flow Cytometry - Anti-BAFF-R antibody [5A9B6]  
(ab233775)

Flow cytometric analysis of Raji (human Burkitt's lymphoma cell line) cells labeling BAFF-R using ab233775 at 1/200 dilution (green) and the negative control (red).



Western blot - Anti-BAFF-R antibody [5A9B6]  
(ab233775)

Anti-BAFF-R antibody [5A9B6] (ab233775) at 1/500 dilution + C6 (Rat glial tumor cell line) cell lysate

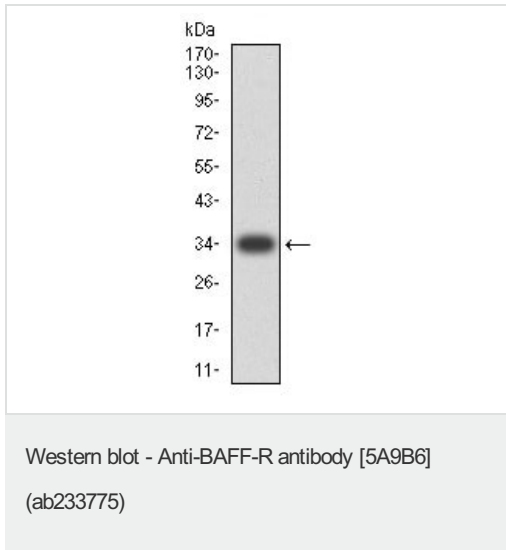


Western blot - Anti-BAFF-R antibody [5A9B6]  
(ab233775)

**All lanes** : Anti-BAFF-R antibody [5A9B6] (ab233775) at 1/500 dilution

**Lane 1** : HEK-293 (human epithelial cell line from embryonic kidney) cell lysate

**Lane 2** : BAFF-R (AA: extra 1-78)-hlgGFc transfected HEK-293 cell lysate



Anti-BAFF-R antibody [5A9B6] (ab233775) at 1/500 dilution +  
BAFF-R (AA: extra 1-78) human recombinant protein

Expected MW is 34 kDa.

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

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