

## Datasheet: AHP587

<b>Description:</b>	RABBIT ANTI HUMAN CD257
<b>Specificity:</b>	CD257
<b>Other names:</b>	BAFF, BLyS
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			0.25ug/ml - 1ug/ml
Immunocytochemistry	▪			1ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse, Rat

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

### Antiserum Preparation

Antisera to CD257 (BAFF) were raised by repeated immunisation of rabbit with highly purified antigen. Purified IgG was prepared from whole serum by ion exchange chromatography.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 1 mg/ml
<b>Immunogen</b>	Peptide corresponding to amino acids 254-269 of human CD257 (BAFF).
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q9Y275</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">10673</a> TNFSF13B    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	BAFF, BLYS, TALL1, TNFSF20, ZTNF4
<b>RRID</b>	AB_2256330
<b>Specificity</b>	<b>Rabbit anti Human CD257 antibody</b> recognizes CD257, also known as BLYS, BAFF, TALL-1 and THANK. CD257 is a member of the tumor necrosis factor (TNF) superfamily. CD257 and its receptor TACI/BCMA are involved in the development of autoimmune diseases. CD257 activates NFκB and JNK (c-jun N-terminal kinase) inducing apoptosis.
<b>Western Blotting</b>	AHP587 detects a band of approximately 31kDa in mouse spleen tissue lysate and human HL60 cell lysate
<b>Further Reading</b>	1. Moore, P.A. <i>et al.</i> (1999) BLYS: member of the tumor necrosis factor family and B lymphocyte stimulator. <a href="#">Science. 285 (5425): 260-3.</a>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP587">https://www.bio-rad-antibodies.com/SDS/AHP587</a> 10040
<b>Regulatory</b>	For research purposes only

## Related Products

## Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

## Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

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Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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