

## ABfinity™ BAFF Recombinant Rabbit Oligoclonal Antibody

Publication Part no. MAN0006839

Rev. 1.00

Catalog Number: 710268

Store at 2° to 8°C (short-term), or -20°C (long-term)

<b>Clonality:</b>	Oligoclonal	<b>Host/Class:</b>	Rabbit IgG
<b>Concentration:</b>	0.5 mg/mL	<b>Reactivity:</b>	Human BAFF
<b>Quantity:</b>	100 µg	<b>Predicted Reactivity:</b>	Human
<b>Volume:</b>	200 µL		

### Product Description

BAFF is a membrane bound cytokine expressed in B cell lineage cells. This cytokine in soluble form binds to the receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR, and is a potent B cell activator. It is important for the proliferation and differentiation of B cells. BAFF is expressed by T lymphocytes and has been shown to promote T cell activation and survival. Isoforms representing alternatively spliced and glycosylated variants have been identified.

### Product Specifications

<b>Immunogen:</b>	Recombinant protein corresponding to amino acids 134–285 of human BAFF.
<b>Alternate Names:</b>	TNFSF13B (tumor necrosis factor (ligand) superfamily, member 13b), BLYS, TALL1, DTL
<b>Apparent MW:</b>	~31 kDa
<b>Gene ID:</b>	10673
<b>Protein Accession No.:</b>	Q9Y275
<b>Sequence Identity:</b>	Human
<b>Sequence Homology:</b>	Monkey, Horse, Rabbit
<b>Clone/PAD:</b>	12HCLC
<b>Lot:</b>	See product label

### Product Applications

Application	Species	Test Material	Concentration
Western blotting	Human	Jurkat cells	1–3 µg/mL
Indirect ELISA	Human	Recombinant protein	1.5 x 10 <sup>-4</sup> to 3 µg/mL

### Storage and Handling

Store the antibody at 2 to 8°C for up to 1 month, -20°C for long storage. Avoid repeated freezing and thawing.

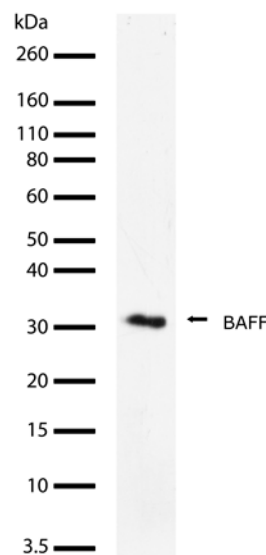
### Stability

When stored as instructed, expires one year from date of receipt unless otherwise indicated on product label.

### Storage Buffer

Phosphate buffered saline (PBS) with 0.09% sodium azide.

**Caution:** Sodium azide is an extremely toxic and dangerous compound particularly when combined with acids or metals. Properly dispose of solutions containing sodium azide.



**Figure 1** Western blot analysis of ABfinity™ BAFF Recombinant Rabbit Oligoclonal Antibody (Cat. no. 710268).

Western blot analysis was performed on whole cell extracts from Jurkat. Endogenous level of BAFF at ~31 kDa (membrane bound full length) was detected using ABfinity™ BAFF Recombinant Rabbit Oligoclonal Antibody at a concentration of 1 µg/mL. The blot was developed using chemiluminescence (ECL) method.

**For research use only. Not for human or animal therapeutic or diagnostic use.**

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## Product Documentation

To obtain a Certificate of Analysis or Safety Data Sheets (SDSs), visit [www.lifetechnologies.com/support](http://www.lifetechnologies.com/support).

## Related Products

Product Name	Quantity	Catalog no.
iBlot® Dry Blotting System	1 unit	IB1001
WesternBreeze® Chromogenic Kit Anti-Rabbit	1 kit	WB7105
WesternBreeze® Chemiluminescent Kit, Anti-Rabbit	1 kit	WB7106
Goat anti-mouse (H+L), HRP conj.	1 mg	G21040
Goat anti-rabbit (H+L), HRP conj.	1 mg	G21234
Goat anti-mouse (H+L), AP conj.	1 mg	G21060
Goat anti-rabbit (H+L), AP conj.	1 mg	G21079
Nitrocellulose, 0.2 µm	20/pack	LC2000

### Explanation of symbols

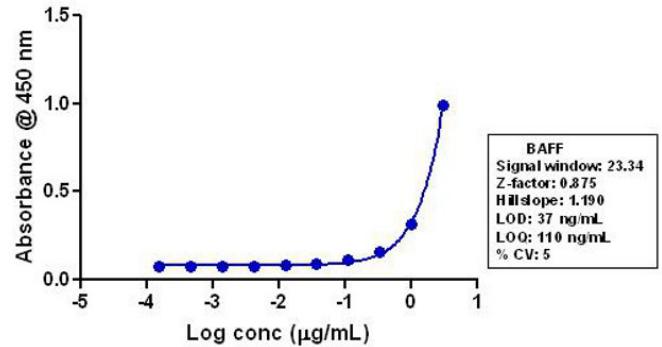
Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		In vitro diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

## Limited Product Warranty

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**Figure 2** Indirect ELISA of ABfinity™ BAFF Recombinant Rabbit Oligoclonal Antibody (Cat. no. 710268).

Indirect ELISA was performed using various dilutions of ABfinity™ BAFF Recombinant Rabbit Oligoclonal Antibody (Cat. no. 701263) to detect recombinant BAFF protein coated onto the plate. A non-linear regression analysis was performed (4 PL) and LOD and LOQ for the antibody was determined.

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