

## ABfinity™ HA Tag Recombinant Rabbit Oligoclonal Antibody

Publication Part no. MAN0006840

Rev. 1.00

Catalog Number: 710236

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>	HA Tag
<b>Quantity:</b>	100 µg		
<b>Volume:</b>	200 µL		

### Product Description

HA (hemagglutinin) is a surface glycoprotein derived from influenza hemagglutinin, and is commonly expressed as a tag in conjunction with proteins to aid in identification and purification of the tagged protein for functional analysis. The tag specific antibody is used to facilitate detection or coimmunoprecipitation of tagged proteins.

### Product Specifications

<b>Immunogen:</b>	Synthetic construct corresponding to amino acids YPYDVPDYA of the HA tag
<b>Alternate Names:</b>	Hemagglutinin, HA epitope
<b>Sequence Identity:</b>	Influenza A virus
<b>Clone/PAD:</b>	8HCLC
<b>Lot:</b>	See product label

### Product Applications

Application	Test Material	Concentration
Western blotting	HA tagged recombinant protein	1–3 µg/mL
Indirect ELISA	Peptide	1.5 × 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.

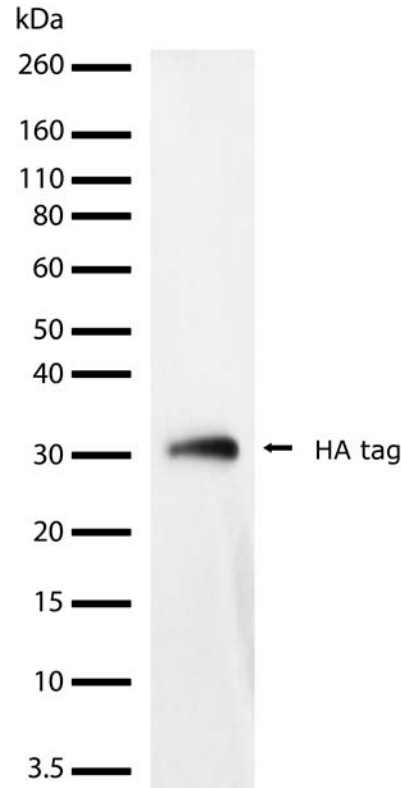
### Stability

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™ HA Tag Recombinant Rabbit Oligoclonal Antibody (Cat. no. 710236). Western blot analysis was performed on whole cell extracts from HEK293 transfected with a 28 kDa HA tagged recombinant protein. The HA tagged protein was detected at ~28 kDa using ABfinity™ HA Tag Recombinant Rabbit Oligoclonal at a concentration of 2 µg/mL. The blot was developed using chemiluminescence (ECL) method.

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

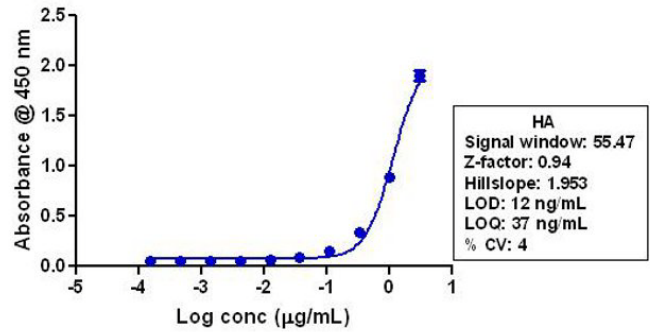
Manufacturing Site • 7335 Executive Way • Frederick • MD 21704 • E-mail: [techsupport@lifetech.com](mailto:techsupport@lifetech.com)

## 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



**Figure 2** Indirect ELISA of ABfinity™ HA Tag Recombinant Rabbit Oligoclonal Antibody (Cat. no. 710236).

Indirect ELISA was performed using various dilutions of ABfinity™ HA Tag Recombinant Rabbit Oligoclonal (Cat. no. 710236) to detect HA peptide coated onto the plate. A non-linear regression analysis was performed (4 PL) and LOD and LOQ for the antibody was determined.

### Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		<i>In vitro</i> 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.		

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