








**Mouse (monoclonal) Anti-Human  
Tumor Necrosis Factor  $\alpha$  (TNF- $\alpha$ )  
Unconjugated**

**PRODUCT ANALYSIS SHEET**

<b>Catalog Number:</b>	AHC3912
<b>Lot Number:</b>	See product label
<b>Expiration Date:</b>	See product label
<b>Quantity/Volume:</b>	0.5 mg/0.5 mL
<b>Clone Number:</b>	68B 2B3
<b>Isotype:</b>	IgG2a
<b>Form of Antibody:</b>	Purified immunoglobulin in phosphate buffered saline, pH 7.5.
<b>Preservation:</b>	Contains 0.05% sodium azide. (Caution: sodium azide is a hazardous and poisonous substance. Handle with care and dispose of properly.)
<b>Purification:</b>	Purified by Protein A affinity chromatography.
<b>Immunogen:</b>	Purified recombinant human TNF- $\alpha$ .
<b>Myeloma/Fusion Partners:</b>	BALB/c splenocytes were fused with NSO mouse myeloma cells.
<b>Specificity:</b>	Recognizes recombinant and natural human TNF- $\alpha$ .
<b>Applications:</b>	This antibody is suitable for use in Cytoset as a capture antibody, Western blotting, flow cytometry, and immunohistochemistry.
<b>Suggested Working Dilutions:</b>	For flow cytometry, use 0.5 $\mu$ g per 10 <sup>6</sup> cells, and for Western blotting, a concentration of 0.1-1.0 $\mu$ g/mL is recommended. The optimal antibody concentration should be determined for each specific application.
<b>Storage:</b>	Store at 2-8°C.

**Explanation of symbols**

Symbol	Description	Symbol	Description
	Manufacturer		Catalog number
	Use by		Temperature limitation
	Consult instructions for use		Caution, consult accompanying documents
	Batch code		

PIAHC3912

MAN0008037 Rev 1.00 Effective Date: 20 MAY 2013

**For Research Use Only. Not for use in diagnostic procedures.**

Manufacturing site: 7335 Executive Way | Frederick, MD 21704 | Toll Free in USA 800.955.6288 [www.lifetechnologies.com](http://www.lifetechnologies.com)

#### **Limited Product Warranty**

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