



## **ANOGEN - A Division of YES Biotech Laboratories Ltd.**

2355 Derry Road East, Unit 23, Mississauga, ON L5S 1V6 • Tel: (905) 677-9221 • Fax: (905) 677-0023

### **Mouse anti-Human TNF- $\alpha$ Monoclonal Antibody [B1E4] Datasheet**

<b>Catalogue No</b>	MO-C40003E
<b>Product name</b>	Mouse anti-Human TNF- $\alpha$ Monoclonal Antibody [B1E4]
<b>Clone No</b>	B1E4
<b>Product type</b>	Primary antibody.
<b>Description</b>	Mouse monoclonal antibody to human Tumor Necrosis Factor alpha (TNF- $\alpha$ ), Protein G affinity purified
<b>Target protein</b>	Human TNF- $\alpha$
<b>Immunogen</b>	Purified recombinant human TNF- $\alpha$
<b>Specificity</b>	This antibody recognizes recombinant human TNF- $\alpha$ in ELISA and Western Blotting.
<b>Reactivity</b>	Human, other species not tested
<b>Clonality</b>	Monoclonal
<b>Source</b>	Mouse
<b>Myeloma</b>	Sp2/0-Ag14
<b>Subclass</b>	IgG1
<b>Light Chain</b>	Kappa
<b>Formulation</b>	Lyophilized from a solution in 0.01M PBS, pH 7.0
<b>Reconstitution</b>	Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml
<b>Applications</b>	ELISA: The detection limit of ELISA can reach 2.4pg/ml when clone B1E4 is used as tracer and clone F12 is used as coating antibody. Western Blotting: The antibody reacts with recombinant 17kDa TNF $\alpha$ .
<b>Research</b>	Life science.
<b>Storage</b>	Store at -20° C
<b>References</b>	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.

**This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administrated to human and animals for use in diagnostic and therapeutic procedures.**

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S7.5(01)



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**Figure:** Western blot analysis of Human TNF-alpha using anti-human TNF-alpha monoclonal antibody



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