



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

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

<b>Catalogue No</b>	MO-C40003T
<b>Product name</b>	HRP-Conjugated Mouse anti-Human TNF- $\alpha$ Monoclonal Antibody B1E4
<b>Clones</b>	B1E4
<b>Product type</b>	Matched Antibody Pair Tracer Antibody, HRP conjugated
<b>Description</b>	Mouse monoclonal antibody to Human Tumor Necrosis Factor alpha (TNF- $\alpha$ ), Protein G affinity purified and conjugated with Horseradish Peroxidase (HRP).
<b>Target protein</b>	Human TNF- $\alpha$
<b>Immunogen</b>	Purified recombinant human TNF- $\alpha$
<b>Specificity</b>	This monoclonal antibody recognizes human TNF- $\alpha$
<b>Reactivity</b>	Human, others not tested
<b>Clonality</b>	Monoclonal
<b>Source</b>	Mouse
<b>Subclass</b>	IgG1
<b>Light chain</b>	Kappa
<b>Formulation</b>	Storage buffer: 50% 0.01M pH7.2 PBS 50% glycerol
<b>Applications</b>	<b>ELISA:</b> This HRP-conjugated monoclonal antibody can be used as a tracer/detection antibody in sandwich ELISA applications for human TNF- $\alpha$ detection in combination with a capture antibody (Cat. No.: MO-C40003B). Suggested Capture Coating Dose: 5-8 $\mu$ g/well; Use TMB substrate. If the above suggested conditions are followed, approximately 4 pg/ml of TNF- $\alpha$ in serum/plasma or medium can be detected. The dynamic range of the curve is 15 to 1,000 pg/ml.
<b>Storage</b>	Store at -20 $^{\circ}$ C
<b>Research</b>	Cytokine
<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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