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Mouse anti-Human TNF- α Monoclonal Antibody [B1E4] Datasheet (Tracer: Biotin-Conjugated)

Catalogue No	MO-C40003TB1
Product name	Biotin-Conjugated Mouse anti-Human TNF- α Monoclonal Antibody (Tracer)
Clones	B1E4
Product type	Matched Antibody Pair Tracer Antibody
Description	Mouse monoclonal antibody to Human Tumor Necrosis Factor alpha (TNF- α), Protein G affinity purified and conjugated with Biotin.
Target protein	Human TNF- α
Immunogen	Purified recombinant human TNF- α
Specificity	This monoclonal antibody recognizes both natural and recombinant human TNF- α
Reactivity	Human, others not tested
Clonality	Monoclonal
Source	Mouse
Subclass	IgG1
Light chain	Kappa
Formulation	Liquid. Buffer: 0.01M PBS, pH 7.0 \pm 0.1 in 1% gelatin and 0.1% NaN ₃
Applications	ELISA: This Biotin-conjugated monoclonal antibody can be used as a tracer/detection antibody in sandwich ELISA applications for human TNF- α detection in combination with a capture antibody (Cat. No.: MO-C40003B). Suggested Capture Coating Dose: 5-8 μ g/well; Use HRP labeled Avidin and TMB substrate. If the above suggested conditions are followed, approximately 4 pg/ml of TNF- α in serum/plasma or medium can be detected. The dynamic range of the curve is 15.6 to 2000 pg/ml.
Storage	Store at -20° C
Research	Cytokine
References	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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