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Mouse anti-Human TNF- α Monoclonal Antibody [CH8820] Datasheet

Catalogue No	MO-C40003B
Product name	Mouse anti-Human TNF- α Monoclonal Antibody [CH8820]
Clone No	CH8820
Product type	Primary antibodies, Matched Antibody Pair Capture Antibody
Description	Mouse monoclonal antibody to Human Tumor Necrosis Factor alpha (TNF- α), Protein G affinity purified
Target protein	Human TNF- α
Immunogen	Purified recombinant human TNF- α
Specificity	This monoclonal antibody recognizes both recombinant and native human TNF- α
Reactivity	Human, other species not tested
Clonality	Monoclonal
Source	Mouse
Myeloma	Sp2/0-Ag14
Subclass	IgG1
Light Chain	Kappa
Formulation	Lyophilized from a solution in 0.01M PBS, pH 7.0
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml
Applications	<p>ELISA: This antibody can be used as a capture antibody in sandwich ELISA applications for human TNF-α detection in combination with a monoclonal tracer/detection antibody (Biotin-conjugated, Cat. No.: MO-C40003TB). Suggested Capture Coating Dose: 1.0-2.0μg/well; Substrate: TMB</p> <p>For Biotin labeled tracer antibody only: Avidin is labeled with HRP. If the above suggested conditions are followed approximately 4 pg/ml of TNF-α in serum/plasma or medium can be detected with an assay range of 0 to 2000 pg/ml.</p> <p>Neutralizing: This antibody neutralizes TNF-alpha activity in vitro. Use 2-5 ng of rTNF-alpha per μg of MAb.</p> <p>IHC: Reacts with formalin-fixed paraffin-embedded tissues at a monoclonal antibody concentration of 10μg/mL. Strong reaction with normal kidney, liver with cirrhosis, and normal lung samples, positive reaction with lung cancer samples.</p>
Research	Growth Factors, Hormones and their Receptors.
Storage	Store at -20 $^{\circ}$ C
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 administration to humans and animals for use in diagnostic and therapeutic procedures.

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