

TNF alpha antibody [CH8820]

Cat. No. GTX18696

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	ELISA, IHC, Neutralizing/Inhibition
Reactivity	Human

Package
250 µg

Applications

Application Note

ELISA: Use at an assay dependent dilution. GTX18696 can be used as a capture antibody in sandwich ELISA applications for human TNF-alpha detection in combination with a monoclonal tracer/detection antibody (biotinconjugated). 4 pg/ml of TNF-alpha in serum/plasma or medium can be detected with an assay range of 0 to 2000 pg/ml. Suggested capture coating dose: 1.0-2.0µg/well IHC: Use at a concentration of 10 µg/ml. 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. Neut: GTX18696 neutralizes TNF-alpha activity in vitro. Use 2-5 ng of GTX18696 per µg of MAb. Optimal dilutions/concentrations should be determined by the end user.

Product Note This monoclonal antibody recognizes both recombinant and native human TNF-alpha.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant full length protein (Human).
Purification	Protein G purified
Conjugation	Unconjugated

Note For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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