Anti-Human TNF-β Antibody
Catalog # ABG10556

Specification

Anti-Human TNF-β Antibody - Product Information

Application	**WB, IHC, E**
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

Anti-Human TNF-β Antibody - Additional Information

Preparation
Produced from sera of rabbits pre-immunized with highly pure recombinant Human TNF-β. Anti-Human TNF-β specific antibody was purified by affinity chromatography employing immobilized Human TNF-β matrix.

WesternBlot
To detect Human TNF-β by Western Blot analysis this antibody can be used at a concentration of 0.1- 0.2 µg/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human TNF-β is 1.5-3.0 ng/lane, under either reducing non-reducing conditions.

Sandwich
To detect Human TNF-β by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Human TNF-β (60-325BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human TNF-β.

Immunohistochemistry
This antibody stained formalin-fixed, paraffin-embedded sections of human breast malignant carcinoma. The recommended concentration is 0.50 µg/mL with an overnight incubation at 4˚C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended. Optimal concentrations and conditions may vary.
  Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.

Neutralization
To yield one-half maximal inhibition [ND₅₀] of the biological activity of Human TNF-β (0.5 ng/ml), a concentration of < 0.1 µg/ml of this antibody is required.

Formulation
A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

Reconstitution
Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Storage
-20°C

Precautions

Anti-Human TNF-β Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Human TNF-β Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytomety](#)
- [Cell Culture](#)

Anti-Human TNF-β Antibody - Images