10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

TNF-beta Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10929

Specification

TNF-beta Antibody - Product Information

Application	**WB**
Primary Accession	P01374
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**22297**

TNF-beta Antibody - Additional Information

Gene ID 4049

Application & Usage	**Western blot analysis (0.5-1 µg/ml) and Neutralization (2-5 µg/ml). However, the optimal conditions should be determined individually.**

Other Names
TNF-b, TNF b, TNFbeta, tnf, tumor necrosis factor, tumor necorsis factor beta, TNF superfamily member 2, Lymphotoxin-alpha; LT-alpha; TNF-beta; Tumor necrosis factor ligand superfamily member 1; Flags: Precursor.

Target/Specificity
TNF-b

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.5 mg/ml) purified rabbit anti-human TNF-β polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol and 0.02% sodium azide.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions

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

TNF-beta Antibody - Protein Information

Name LTA

Synonyms TNFB, TNFSF1

Function
Cytokine that in its homotrimeric form binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFBR and TNFRSF14/HVEM (PubMed:9462508). In its heterotrimeric form with LTB binds to TNFRSF3/LTBR. Lymphotoxin is produced by lymphocytes and is cytotoxic for a wide range of tumor cells in vitro and in vivo.

Cellular Location
Secreted. Membrane. Note=The homotrimer is secreted. The heterotrimer is membrane-associated

TNF-beta 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

TNF-beta Antibody - Images

TNF-beta Antibody - Background

Tumor Necrosis Factor-beta (TNF-β) is a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells and certain other target cells. Human TNF-β is an 18.6 kDa protein containing 171 amino acid residues.