

Code No. 18285

**Anti-Rat  
TNF- $\alpha$  Rabbit IgG Affinity Purify**

Volume : 100  $\mu$ g

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**Introduction** : TNF- $\alpha$  (Tumor Necrosis Factor alpha) is a 17.5 kDa, 157 amino acid protein that is a potent lymphoid factor, which exerts cytotoxic effects on a wide range of tumor cells and other target cells. TNF- $\alpha$  has been suggested to play a pro-inflammatory role and has been detected in synovial fluids of patients with rheumatoid arthritis. It is the primary mediator of immune regulation. The biosynthesis of TNF- $\alpha$  is tightly controlled being produced in extremely small quantities in quiescent cells, but is a major secreted factor in activated cells.

**Antigen** : Synthetic peptide of the C-terminal part of rat TNF- $\alpha$

**Purification** : Purified with antigen peptide

**Form** : Lyophilized product from PBS containing 1 % BSA and 0.05% NaN<sub>3</sub>

**How to use** : 1.0 mL deionized water will be added to the product (the conc. comes up 100  $\mu$ g /mL)

**Stability** : Lyophilized product, 5 years at 2 - 8 °C  
: Solution, 2 years at -20 °C

**Application** : This antibody can be used for immunohistochemistry with frozen sections by several techniques. The optimal concentration is about 5  $\mu$ g/mL, however, the concentration should be optimized by each laboratory.  
: This antibody can be used for western blotting in concentration of about 5  $\mu$ g /mL.

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*For research use only, not for use in diagnostic procedures.*

Code No. 18285

**Anti-Rat  
TNF- $\alpha$  Rabbit IgG Affinity Purify**

Volume : 10  $\mu$ g

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**Introduction** : TNF- $\alpha$  (Tumor Necrosis Factor alpha) is a 17.5 kDa, 157 amino acid protein that is a potent lymphoid factor, which exerts cytotoxic effects on a wide range of tumor cells and other target cells. TNF- $\alpha$  has been suggested to play a pro-inflammatory role and has been detected in synovial fluids of patients with rheumatoid arthritis. It is the primary mediator of immune regulation. The biosynthesis of TNF- $\alpha$  is tightly controlled being produced in extremely small quantities in quiescent cells, but is a major secreted factor in activated cells.

**Antigen** : Synthetic peptide of the C-terminal part of rat TNF- $\alpha$

**Purification** : Purified with antigen peptide

**Form** : Lyophilized product from PBS containing 1 % BSA and 0.05% NaN<sub>3</sub>

**How to use** : 0.1 mL deionized water will be added to the product (the conc. comes up 100  $\mu$ g /mL)

**Stability** : Lyophilized product, 5 years at 2 - 8 °C  
: Solution, 2 years at -20 °C

**Application** : This antibody can be used for immunohistochemistry with frozen sections by several techniques. The optimal concentration is about 5  $\mu$ g/mL, however, the concentration should be optimized by each laboratory.  
: This antibody can be used for western blotting in concentration of about 5  $\mu$ g /mL.

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