

## 肿瘤坏死因子 $\beta$ 抗体 (TNF $\beta$ )

产品货号 : mlR0093

英文名称 : TNF beta

中文名称 : 肿瘤坏死因子  $\beta$  抗体 (TNF  $\beta$ )

别名 : TNF-beta; LTalpha; Coley' s toxin; DIF; Differentiation inducing factor; Hemorrhagic factor; LT alpha; LT; LTA; Lymphotoxin alpha (TNF superfamily, member 1); Lymphotoxin alpha; Natural killer cytotoxic factor; Necrosin; NKCF; OTTHUMP00000037612; OTTHUMP00000037613; TNF B; TNF superfamily member 1; TNFbeta; TNFSF 1; TNFSF1; Tumor necrosis factor beta; Tumor necrosis factor ligand superfamily member 1; TNFB\_HUMAN;

研究领域 : 肿瘤 细胞生物 免疫学 信号转导 生长因子和激素

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Rat, Dog, Cow, Horse, Rabbit,

产品应用 : ELISA=1:500-1000 IHC-P=1:400-800 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量 : 18kDa

细胞定位 : 细胞膜 分泌型蛋白

性状 : Lyophilized or Liquid

浓度 1mg/ml

免疫原 : KLH conjugated synthetic peptide derived from human TNF beta:91-205/205

**亚 型 :** IgG

**纯化方法 :** affinity purified by Protein A

**储 存 液 :** 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件 :** Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed :** PubMed

**产品介绍 :** Lymphotoxin alpha, a member of the tumor necrosis factor family, is a cytokine produced by lymphocytes. LTA is highly inducible, secreted, and exists as homotrimeric molecule. LTA forms heterotrimers with lymphotoxin-beta which anchors lymphotoxin-alpha to the cell surface. LTA mediates a large variety of inflammatory, immunostimulatory, and antiviral responses. LTA is also involved in the formation of secondary lymphoid organs during development and plays a role in apoptosis. Gene Symbol: TNF-Beta; tumor necrosis factor-Beta; Tumor necrosis factor ligand superfamily member 1; TNFSF1; LTA; Lymphotoxin-alpha; TNF-beta; LT-alpha.

**Function:**

Cytokine that in its homotrimeric form binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFB1 and TNFRSF14/HVEM. In its heterotrimeric form with LTB binds to TNFRSF3/LTBR. Lymphotoxin is produced by lymphocytes and cytotoxic for a wide range of tumor cells in vitro and in vivo.

**Subunit:**

Homotrimer, and heterotrimer of either two LTB and one LTA subunits or (less prevalent) two LTA and one LTB subunits.

**Subcellular Location:**

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

**DISEASE:**

Genetic variations in LTA are associated with susceptibility to leprosy type 4 (LPRS4) [MIM:610988]; also known as susceptibility to age-dependent leprosy. Leprosy is a chronic infectious disease of peripheral sensory nerves caused by *Mycobacterium leprae*.

Genetic variations in LTA are associated with susceptibility to psoriatic arthritis [MIM:607507]. Psoriasis is a chronic inflammatory dermatosis that affects approximately 2% of the population. It is characterized by red, scaly skin lesions that are usually found on the scalp, elbows, and knees, and may be associated with severe arthritis. Psoriatic arthritis has been defined as an inflammatory arthritis usually without any rheumatoid factor in serum (seronegative arthritis) associated with psoriasis.

**Similarity:**

Belongs to the tumor necrosis factor family.

**SWISS:**

P01374

**Gene ID:**

4049

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.