

BSP0058C**[Primary Antibody]**

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**TNF alpha Recombinant Rabbit mAb pair
(capture)****— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Applications:** ELISA**Clonality:** Recombinant**Reactivity:** Rat**GeneID:** 24835**SWISS:** P16599**Target:** TNF alpha**Storage:** 0.01M PBS, pH 7.2.

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Subcellular Location: Secreted ,Cell membrane

Background: This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine.