TNF RABBIT PAB

Cat.#: S222269

Product Name: Anti-TNF Rabbit Polyclonal Antibody

Synonyms: DIF; TNFA; TNFSF2; TNLG1F; TNF-alpha

UNIPROT ID: P01375 (Gene Accession - NP_000585)

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/TNFBR. 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.

Immunogen: Synthetic peptide of human TNF

Applications: ELISA, IHC

Recommended Dilutions: IHC: 30-150; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

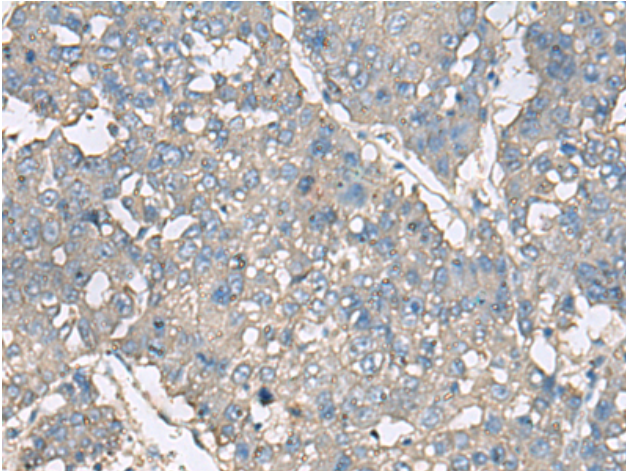**Isotype:** Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

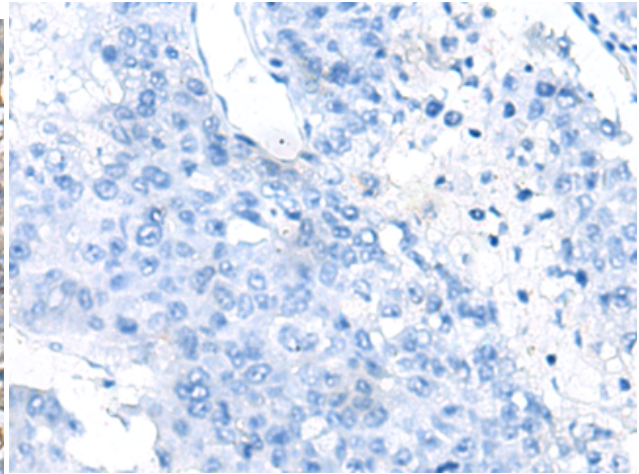**Species Reactivity:** Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

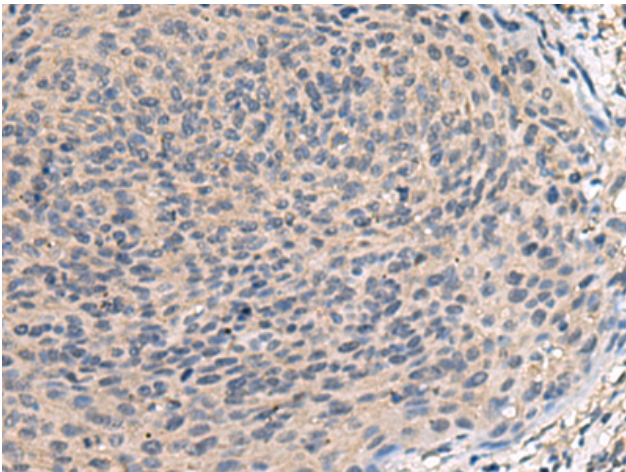**Research Areas:** Signal Transduction, Cancer, Metabolism, Cardiovascular, Immunology

Storage & Shipping: Store at -20ºC. Avoid repeated freezing and thawing

![NewEast Biosciences logo]

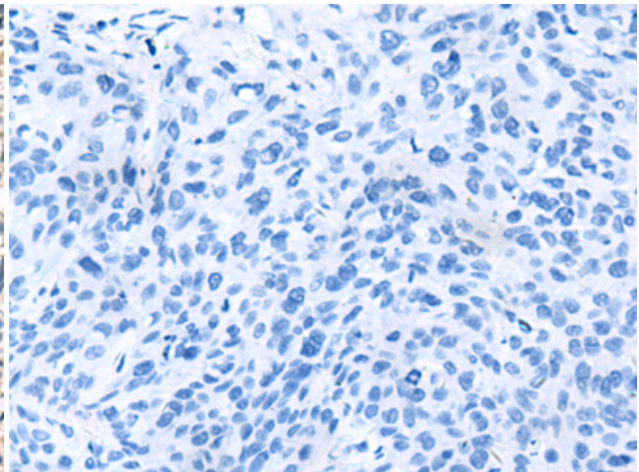Pioneering GTPase and Oncogene Product Development since 2010

Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 222269(TNF Antibody) at a dilution of 1/40(Secreted).

In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 222269(Anti-TNF Antibody) at dilution 1/40.

The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 222269(Anti-TNF Antibody) at a dilution of 1/40.

In comparision with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with synthetic peptide and then with D264309(Anti-TNF Antibody) at dilution 1/40.