

## Product datasheet for **TA368593S**

### TNF alpha (TNF) Rabbit Polyclonal Antibody

#### Product data:

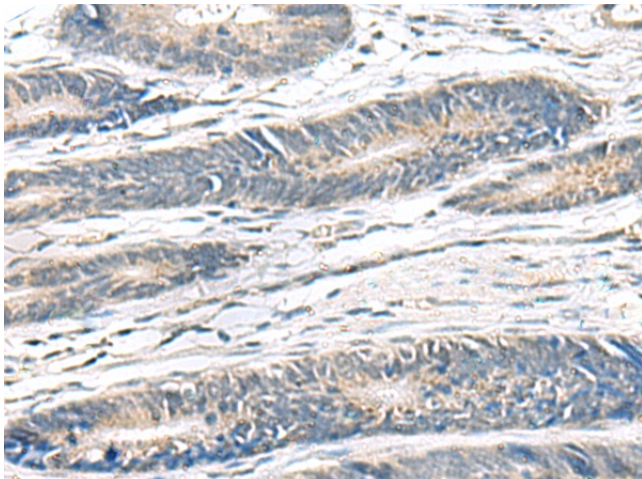
|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | IHC   |
| Recommended Dilution: | IHC: 20-100<br>Positive control: Human colorectal cancer<br>Predicted cell location: Secreted |
| Reactivity:           | Human, Mouse, Rat   |
| Host:                 | Rabbit  |
| Isotype:              | IgG   |
| Clonality:            | Polyclonal  |
| Immunogen:            | Synthetic peptide of human TNF  |
| Formulation:          | pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol  |
| Purification:         | Antigen affinity purification   |
| Conjugation:          | Unconjugated  |
| Storage:              | Store at -20°C.   |
| Stability:            | 1 year  |
| Gene Name:            | tumor necrosis factor   |
| Database Link:        | <a href="#">Entrez Gene 7124 Human P01375</a>   |

**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.

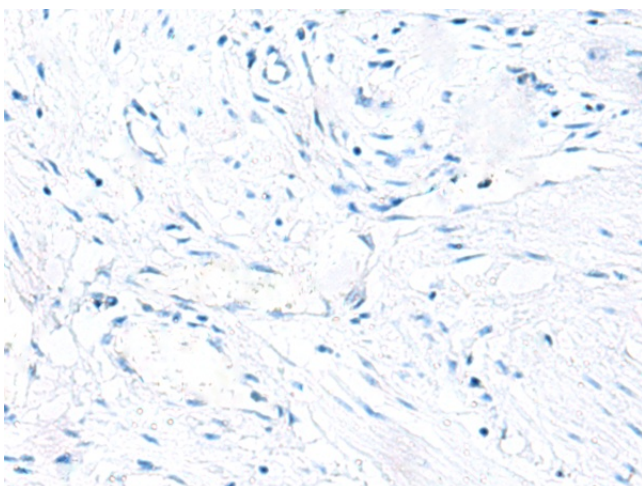
**Synonyms:** Cachectin; DIF; TNF-a; TNF-alpha; TNFA; TNFSF2



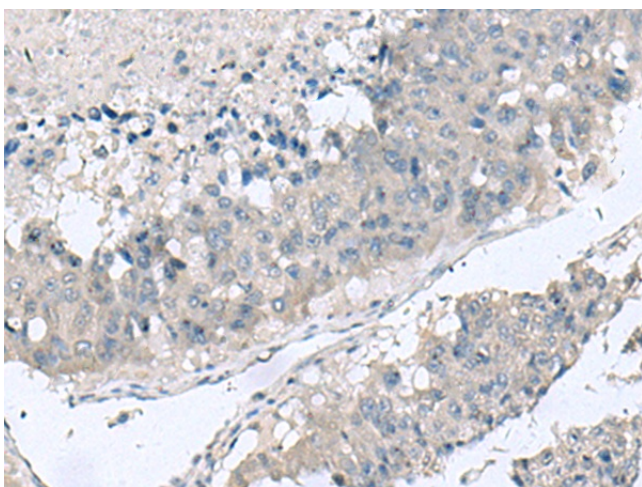
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**Product images:**

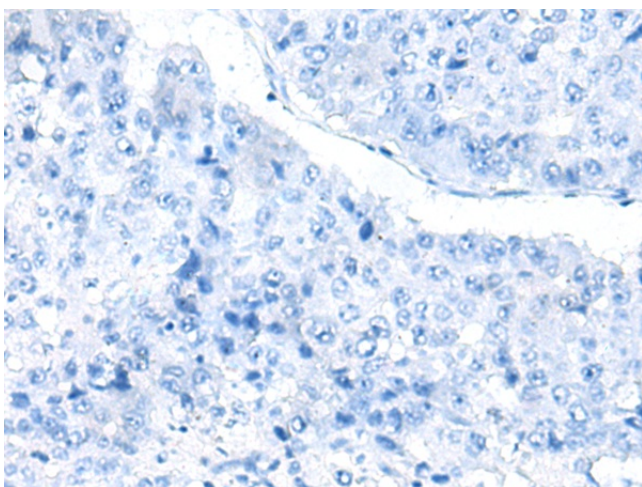
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA368593] (TNF Antibody) at dilution 1/25 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA368593] (TNF Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA368593] (TNF Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA368593] (TNF Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)