

# Rabbit anti-Human TNF-alpha(CAP)

**Catalog No.: RM17659**

## Basic Information

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**Catalog No.**  
RM17659

**Catagory**  
Elisa Antibody Kit

**Application**  
multiplex assay

## Product Information

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**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**


**Storage**  
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.


**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS with 0.1%Braveds MB-1,PH 7.4.

## Contact

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 | [order@abclonal.com](mailto:order@abclonal.com)

 | [support@abclonal.com](mailto:support@abclonal.com)

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## Background

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Cytokine that binds to TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. It is mainly secreted by macrophages and can induce cell death of certain tumor cell lines. It is potent pyrogen causing fever by direct action or by stimulation of interleukin-1 secretion and is implicated in the induction of cachexia, Under certain conditions it can stimulate cell proliferation and induce cell differentiation. Impairs regulatory T-cells (Treg) function in individuals with rheumatoid arthritis via FOXP3 dephosphorylation. Upregulates the expression of protein phosphatase 1 (PP1), which dephosphorylates the key 'Ser-418' residue of FOXP3, thereby inactivating FOXP3 and rendering Treg cells functionally defective.

Key mediator of cell death in the anticancer action of BCG-stimulated neutrophils in combination with DIABLO/SMAC mimetic in the RT4v6 bladder cancer cell line. Induces insulin resistance in adipocytes via inhibition of insulin-induced IRS1 tyrosine phosphorylation and insulin-induced glucose uptake. Induces GKAP42 protein degradation in adipoc...

## Immunogen Information

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**Immunogen**  
E. coli-derived human TNF-alpha protein  
Val77-Leu233  
Accession #P01375

## Cross-Reactivity

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No cross-reactivity in multiplex assay with recombinant hCD40 Ligand,TNF-β,rTNF-α,mTNF-α

## Assay Applications

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