

# Rabbit anti-Rat TNFA mAb (DET)

**Catalog No.:** RM17824

## Basic Information

**Catalog No.**  
RM17824

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**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% Bredas MB-1, PH 7.4.

## Contact

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 | [www.abclonal.com](http://www.abclonal.com)

## Background

Tumor necrosis factor alpha (TNF-alpha), also known as cachectin and TNFSF1A, is the prototypic ligand of the TNF superfamily. It is a pleiotropic molecule that plays a central role in inflammation, immune system development, apoptosis, and lipid metabolism. TNF-alpha is also involved in a number of pathological conditions including asthma, Crohns disease, rheumatoid arthritis, neuropathic pain, obesity, type 2 diabetes, septic shock, autoimmunity, and cancer

## Immunogen Information

**Immunogen**  
Recombinant Rat TNFA

## Cross-Reactivity

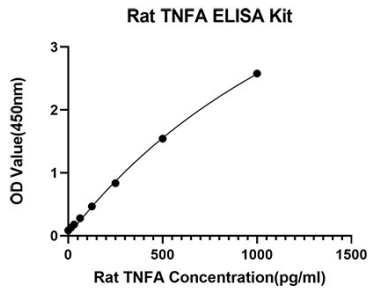
No cross-reactivity in ELISA assay with recombinant Human TNFA, Mouse TNFA, Rat IFNG, Rat IL-1B, Rat IL-2, Rat IL-4

## Assay Applications

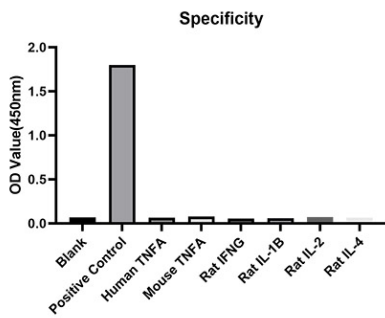
Rat TNFA Sanwich ELISA Immunoassay

|                 | Recommended Concentration | Sample                                     |
|-----------------|---------------------------|--|
| ELISA Capture   | 1-4ug/mL                  | Rabbit anti-Rat TNFA(CAP)(Cat. No.RM17823) |
| ELISA Detection | 0.166-0.66ug/mL           | Rabbit anti-Rat TNFA(DET)(Cat. No.RM17824) |
| Standard        | 0.78-50pg/mL              | Recombinant Rat TNFA Protein               |

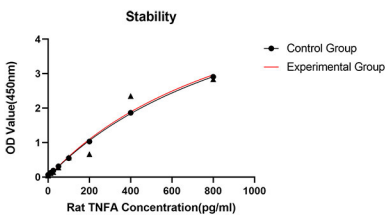
# Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



From the comparison of the standard curve, it is found that ABclonal has high sensitivity.



Placed at 37°C for 3 days, the stability of the standard curve all conform to CV <10%.