

## Rat anti TNF $\alpha$ Antibody

### ANTIGEN PREPARATION

A synthetic peptide corresponding to human TNF alpha protein.

### PURIFICATION

The Rat IgG is purified by Protein G affinity purification

### FORMULATION

This affinity purified antibody is supplied in sterile Phosphate-buffered saline (pH7.2) containing antibody stabilizer.

### STORAGE

The antibodies are stable for 12 months from date of receipt when stored at  $-20^{\circ}\text{C}$  to  $-70^{\circ}\text{C}$ . Upon initial thawing, apportion into working aliquots and store at  $-70^{\circ}\text{C}$  for up to six months. The antibodies can be stored at  $2^{\circ}\text{C}$ - $8^{\circ}\text{C}$  for one month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

### SPECIFICITY

The TNF $\alpha$  antibody recognize 17 kDa of human TNF $\alpha$  by ELISA and Western blot. The positive control is the human TNF $\alpha$  recombinant protein. The other species are not tested.

### APPLICATIONS AND SUGGESTED WORKING DILUTIONS

Western Blot	0.1-0.2 $\mu\text{g}/\text{ml}$
ELISA	0.01-0.1 $\mu\text{g}/\text{ml}$
Immunoprecipitation	2-5 $\mu\text{g}/\text{ml}$
IHC	Not tested
Flow cytometry	Not tested

**Optimal dilutions should be determined by researchers for the specific applications.**

**MOLECULAR WEIGHT:** 17 kDa

**POSITIVE CONTROL:** TNF $\alpha$  recombinant protein. Placenta

**CELLULAR LOCATION:** Secreted protein

Order Information	
<b>Description:</b>	Rat anti TNFalpha
<b>Catalog #:</b>	500-8614
<b>Lot#:</b>	801SP
<b>Size</b>	50 $\mu\text{g}/100 \mu\text{l}$
<b>Host</b>	Rat
<b>Clone</b>	SPM470
<b>Application</b>	ELISA
<b>Reactivity</b>	Hu

**FOR RESEARCH USE ONLY.**