



# AVISCERA BIOSCIENCE

## Anti-Human TNF- $\alpha$ IgG Biotinylated

### Product Information

Code	A00109-01-100
Name	Anti Human TNF- $\alpha$ IgG Biotinylated
Clone No.	N/A
Lot No.	
Size	50 $\mu$ g
Species	Human
Host	Rabbit
Immunogen	TNF- $\alpha$ (H), rec.
Ab Type	IgG
Purification	Protein A
Formulation	lyophilized Form without preservatives
Carry	free
Storage	-20 ° C
Specificity	Human
Reconstitution	PBS, 50 $\mu$ l
Application	WB ELISA IHC

### Preparation

This antibody was produced from a rabbit immunized with purified, *E. Coli*-derived, recombinant human TNF- $\alpha$  soluble form. That antibody was purified by Protein A affinity and conjugated with water soluble biotin.

### Formulation

Lyophilized from a 50  $\mu$ g of Anti Human TNF  $\alpha$  IgG Biotinylated in 50  $\mu$ l of PBS solution in phosphate-buffered saline (PBS) .

### Reconstitution

Add 50  $\mu$ l of PBS to the vial to prepare antibody stock solution at 50  $\mu$ g /50  $\mu$ l. Store reconstituted antibody at 2 to 8 ° C for up a few weeks. This antibody can also be aliquotted ( by 10  $\mu$ l per vial) and stored frozen at -20° C to -70° C in a **manual defrost freezer** for up six months without detectable loss of activity.

### Storage

Lyophilized antibody can be stored at 2 ~8 ° C for a few weeks or at -20 ° C for six months. **Avoid repeated freeze-thaw cycles.**

### Specificity

This antibody has been selected for its ability to recognize human TNF- $\alpha$  on indirect ELISA as well as Western Blot.

### Applications

**Indirect ELISA** - This antibody can be used as antibody at 0. 5  $\mu$ g/ml with the appropriate detection antibody to detect human TNF- $\alpha$ .

**Immunohistochemistry**-That Antibody can be used at 2-4  $\mu$ g/ml with the appropriate secondary antibody to detect TNF- $\alpha$  in paraffin embedded human adipose tissues and lung cancer tissues (ABC).

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