



# AVISCERA BIOSCIENCE

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

### Product Information

Code	A00109-04-100
Name	Human TNF-alpha Mab
Clone No.	1E10C10
Lot No.	
Size	100 $\mu$ g
Species	Human
Host	Mouse
Immunogen	Human TNF-A, rec.
Ab Type	IgG
Purification	sequential precipitation
Formulation	Lyophilized Form without preservatives
Carry	Free
Storage	-20 ° C
Specificity	Human
Reconstitution	N/A
Application	ELISA

### Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, E. coli-derived, recombinant human TNF-ALPHA, His Tag on N-Terminal. That antibody was purified by sequential precipitation caprylic acid and ammonium sulphate.

### Formulation

100  $\mu$ g of mouse IgG in 100  $\mu$ l of PBS lyophilized form.

### Reconstitution and Storage

Add 100  $\mu$ l deionized water to the vial to prepare a antibody stocking solution (100 $\mu$ g/ml). Stores it at 4°C for a few days. For long term storage, the reconstituted 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 six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### Specificity

This antibody has been selected for its ability to recognize human TNF-ALPHA in indirect ELISAs. But it does not show any crossreactivity with human TNF-beta.

### Applications

**Indirect ELISA** - This antibody can be used at 1:512000 to detect human TNF-ALPHA on indirectly ELISA.

*Optimal dilutions should be determined by each laboratory for each application.*

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