



AVISCERA BIOSCIENCE

Anti-Human TNF- α Monoclonal IgG

Product Information

Code	A00109-06-100
Name	Human TNF-alpha Mab
Clone No.	1H9H11
Lot No.	
Size	100 μ 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 $^{\circ}$ 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 μ g of mouse IgG in 100 μ l of PBS lyophilized form.

Reconstitution and Storage

Add 100 μ l deionized water to the vial to prepare a antibody stocking solution (100 μ g/ml). Stores it at 4 $^{\circ}$ C for a few days. For long term storage, the reconstituted antibody can also be aliquotted (by 10 μ L per vial) and stored frozen at -20 $^{\circ}$ C to -70 $^{\circ}$ 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 1:1024000 to detect human TNF-ALPHA on indirectly ELISA.

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

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