



AVISCERA BIOSCIENCE

Anti-Human Leptin Monoclonal Antibody

Product Information

Code	A00050-06-100
Name	Human Leptin Mab
Clone No.	2B1B12
Lot No.	
Size	100 µg
Species	Human
Host	Mice
Immunogen	Leptin (H), rec.
Ab Type	IgG
Purification	Protein G
Formulation	lyophilized Form without preservatives free
Carry	
Storage	-20 ° C
Specificity	Human only
Reconstitution	PBS, 100 µl
Application	IHC 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 Leptin. That was purified by Protein G affinity.

Formulation

100µg of IgG without preservatives was lyophilized.

Reconstitution

Add 100 µl of PBS to the vial to prepare antibody stock solution at 100 µg/100 µl. Store reconstituted antibody at 2 to 8 ° C for up a few weeks. This antibody can also be aliquotted (by 10 uL 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 Leptin in direct ELISAs as well as immunohistochemistry.

Applications

Direct ELISA - This antibody can be used at 1: 8000 (0.125µg/ml) with the appropriate secondary reagents to detect recombinant human Leptin.

Immunohistochemistry-That Antibody can be used at 1: 500 (2 µg/ml) with the appropriate secondary antibody to detect Leptin in Human adipose tissues (ABC).

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

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