



# AVISCERA BIOSCIENCE

## Anti-Human Omentin 1 Monoclonal Antibody

### Product Information

Code	A00020-09-100
Name	Human Omentin 1 Mab
Clone No.	2A3D2
Lot No.	
Size	100 µg
Species	Human
Host	Mice
Immunogen	Omentin 1 (H), rec.
Ab Type	Mouse IgG
Purification	Protein G affinity
Formulation	lyophilized Form without preservatives
Carry	free
Storage	-20 ° C
Specificity	Human, Rat
Reconstitu-tion	PBS, 100 µl
Application	WB IHC ELISA

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### 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 Omentin 1 mature form. That was purified by Protein G affinity.

### Formulation

Lyophilized from a 100 µl solution in phosphate-buffered saline (PBS) .

### 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 µL 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 Omentin 1 in direct ELISA, Western Blot and Immunohistochemistry.

### Applications

**Direct ELISA** - This antibody can be used as antibody at 0.1 µg/ml with the appropriate detection antibody to detect recombinant human Omentin 1.

**Western Blot** - This antibody can be used at 2-4 µg/mL with the appropriate secondary reagents to detect recombinant human Omentin1 or Omentin 1 on rat visceral adipose tissues.

**Immunohistochemistry**- That antibody can be used at 2-4 µg/ml to detect Omentin1 in human and rat visceral adipose tissue slide (ABC).

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

THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.