



# AVISCERA BIOSCIENCE

## Anti-Human Osteonectin/SPARC Purified IgG, Biotinylated

### Product Information

Code	A00766-12-50B
Name	Anti human Osteonectin/SPARC IgG Biotinylated
Clone No.	Polyclonal
Lot No.	20110533
Size	50 µg
Species	Human
Host	Rabbit
Immunogen	SPARC (H), rec.
Ab Type	Rabbit IgG
Purification	Protein A
Formulation	PBS lyophilized Form without preservatives
Carry	0.1% BSA
Storage	-20 ° C
Specificity	Human
Reconstitution	PBS, 1mL
Application	ELISA (Detection)

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### Preparation

This antibody was produced from a rabbit immunized with purified, *E. coli*-derived, recombinant human SPARC/Osteonectin mature form. That was purified by Protein A affinity and conjugated with water soluble biotin.

### Formulation

50 µg of rabbit anti-human SPARC/Osteonectin Purified IgG Biotinylated in 100 µl of PBS containing 0.1% BSA was lyophilized.

### Reconstitution

Add 1 mL of PBS containing 0.1% BSA to the vial to prepare antibody stock solution at 50 µg/mL. 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 12 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 12 months. **Avoid repeated freeze-thaw cycles.**

### Specificity

This antibody has been selected for its ability to recognize human SPARC /Osteonectin in ELISA.

### Applications

**Indirect ELISA** - This antibody can be used at 1:6400 (0.156 µg/ml) with the appropriate secondary reagents to detect recombinant human SPARC /Osteonectin.

**ELISA Assay** - This antibody can be used as a detection antibody in a human SPARC sandwich immunoassay in combination with the human SPARC capture antibody (Code No.: A00766-03-100) and recombinant human SPARC (Code No.: 00766-01-100) as the standard. The suggested concentration range for this detection antibody is 0.5~1 µg/mL and should be titrated to determine the optimal concentration.

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

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