



# AVISCERA BIOSCIENCE

## Anti Human Secreted Protein Acidic and Rich in Cysteine (SPARC)/osteonectin Monoclonal IgG

### Product Information

Code	A00766-11-100
Name	Human SPARC Mab
Clone No.	77-8
Lot No.	
Size	100 µg
Species	Human
Host	Mouse
Immunogen	Human SPARC, rec.
Ab Type	IgG
Purification	sequential precipitation Lyophilized
Formulation	Form without preservatives
Carry	Free
Storage	-20 ° C
Specificity	Human
Reconstitution	100 µl
Application	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 SPARC, His Tag on N-Terminal. That antibody was purified by sequential precipitation caprylic acid and ammonium sulphate.

### Formulation

100 µg of mouse IgG in 100 µl of PBS lyophilized form.

### Reconstitution and Storage

Add 100 µl deionized water to the vial to prepare a antibody stocking solution (100µg/ml). Stores it at 4°C for a few days. For long term storage, the reconstituted 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 12 months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### Specificity

This antibody has been selected for its ability to recognize recombinant human SPARC in indirect ELISAs.

### Applications

**Indirect ELISA** - This antibody can be used at 1:2187000 (0.45 ng/ml) to detect human SPARC on indirectly ELISA.

**ELISA Assay** - This antibody can be used as a capture antibody in a human SPARC sandwich immunoassay in combination with the human SPARC detection antibody (Code No.: A00766-12-50B) and recombinant human SPARC (Code No.: 00766-01-100) as the standard. The suggested concentration range for this capture antibody is 0.5 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.