AVISCERA BIOSCIENCE

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

Product Information	
Code	A00766-04-100
Name	Human SPARC Mab
Clone No.	77-3
Lot No.	
Size	100 µg
Species	Human
Host	Mouse
Immunogen	Human SPARC, rec.
Ab Type	IgG
Purification	sequential precipitation
Formulation	Lyophilized 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 (0.45ng/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.