



AVISCERA BIOSCIENCE

Anti-Rat Osteonectin/SPARC Antibody

Product Information

Code	A00766-20-100
Name	Osteonectin/SPARC Pab
Clone No.	Polyclonal
Lot No.	
Size	100 µg
Species	Rat
Host	Rabbit
Immunogen	SPARC (Rat), rec.
Ab Type	Rabbit IgG
Purification	Protein A
Formulation	PBS lyophilized Form without preservatives
Carry	free
Storage	-20 ° C
Specificity	Rat, Mouse, Human
Reconstitution	PBS, 100 µl
Application	IHC WB ELISA

Preparation

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

Formulation

100 µg of rabbit anti-rat SPARC/Osteonectin Purified IgG in 100 µl of PBS 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 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 rat SRARC/Osteonectin in direct ELISAs and western blots.

Applications

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

Western blot - This antibody can be used at 1: 1000 [1 µg/mL] with the appropriate secondary reagents to detect SPARC on the rat lung tissues homogenates under reducing conditions.

Immunohistochemistry-That Antibody can be used at 1: 250-500 (2-4 µg/ml)with the appropriate secondary antibody to detect SPARC in rat and mouse visceral adipose, pancreas tissues and human lung cancer tissues (ABC).

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

AVISCERA BIOSCIENCE INC.
2348 Walsh Ave. Suite C
Santa Clara, CA 95051
Tel: (408) 982 0300
Fax: (408) 982 0301
Email:
Sales@AvisceraBioscience.com
www.AvisceraBioscience.com

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