

ANTIGENIX AMERICA Inc.

## PRODUCT INFORMATION SUMMARY

### ANTI-Human Osteopontin (Polyclonal Rabbit)

PRODUCT NUMBER	RHF860	Antigen Affinity Purif.*	0.1 mg
	RHF860B	Biotin Conjugate	50 ug

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

Rabbit polyclonal antibodies specific for Human Osteopontin. Developed using highly purified recombinant Human Osteopontin as immunogen. Serum highly purified using antigen-affinity chromatography against the target protein.

**Source:** Rabbit serum, \* **Antigen-Affinity Purified-** provides superior specificity and potency for immunohistology and functional studies.

#### Characterization:

**ELISA:** Antibody concentration of 1.0 ug/mL ( 100 uL/well) was used to detect 0.4 ng/well of recombinant Osteopontin. Use in range 0.5ug/mL to 1.5 ug/mL (optimize).

**For Biotin conjugate** use at 0.20 - 0.50 ug/mL.

**Neutralization:** Not currently tested

**Western Blot:** Antibody concentration of 0.2 ug/mL used to detect 1.5 ng/lane human Osteopontin under both reducing or non-reducing conditions.

#### HANDLING AND STORAGE:

Reagent supplied as lyophilized, additive-free.

**Store at -20 deg. C.** Purified antibody should be reconstituted with 100 - 500 uL sterile or distilled water.

**For Biotin conjugate** reconstitute in 0.5 mL sterile PBS **containing 0.1% BSA**. Further dilutions should be made in a protein-containing buffer or other stabilizing medium to a concentration suitable for use in specific protocols. Store small aliquots at -20 Deg. C., for long-term storage. AVOID repeat freeze-thaw. Reagent is provided preservative-free.

**FOR RESEARCH USE ONLY. NOT INTENDED FOR THERAPEUTIC OR DIAGNOSTIC USE.**

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