

ANTIGENIX AMERICA Inc.

## PRODUCT INFORMATION SUMMARY

### ANTI-Human Endostatin (Polyclonal)

PRODUCT NUMBER	RHF503	Antigen-Affinity Purif.	100.0 ug
	RHF503B	Biotin Conjugate	50.0 ug

#### ANTIGEN DISTRIBUTION AND SPECIFICITY:

**Rabbit** polyclonal antibodies specific for Human Endostatin. Developed using highly purified recombinant Human Endostatin as immunogen ( E.-coli derived, 20.2 kDa.) Purified by Antigen-Affinity chromatography.

**Source:** Rabbit serum

\* **Antigen-Affinity Purified** , provides highly specific, high titre preparation.

#### Characterization:

**ELISA:** Antibody concentration of 0.5 ug/mL was used at 100 uL/well to detect 0.2 ng/well recombinant Human. For **Biotin conjugate**, concentration of 0.2 - 0.3 ug/mL was used.

**WESTERN BLOT:** Antibody used at concentration of 0.2 ug/mL to detect 1.5 - 3.0 ng/lane Human Resistin under both reducing and non-reducing conditions.

**NEUTRALIZATION:** Antibody concentration of approx. 2.0 ug/mL was used for half maximal inhibition of 0.5 ug/mL human Endostatin.

**IHC:** Antibody concentration **of approx. 0.25 ug/mL** was used to stain paraffin-embedded human breast ductal carcinoma. Antigen retrieval using heat induced method with sodium citrate buffer ( pH 6.0) was employed. Optimization required.

#### HANDLING AND STORAGE:

Reagent supplied as sterile-filtered, lyophilized. **Store at -20 deg. C.** Purified antibody should be reconstituted with 100 uL sterile water; For **Biotin conjugate** reconstitute in 1.0 mL sterile PBS **containing 0.1% BSA**. Further dilutions should be made in a protein-containing or other stabilizing medium (BSA or gelatin) to a concentration suitable for use in specific protocols. Antibody should be frozen in small aliquots, for long-term storage. Avoid repeat freeze-thaw. Reagent is provided preservative and additive-free.

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

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