

**Endostatin Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV11070****Specification**

---

**Endostatin Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P39059</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	141720

**Endostatin Antibody - Additional Information****Gene ID** 1306Positive Control  
Application & Usage**Recombinant human endostatin**  
**Western blotting (0.5-4 µg/ml). However,**  
**the optimal conditions should be**  
**determined individually.****Other Names**

Endostatin-XV, Related to endostatin:Restin

**Target/Specificity**

Endostatin

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5 mg/ml) affinity purified rabbit anti-human Endostatin polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5mM EDTA and 0.01% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

Endostatin Antibody is for research use only and not for use in diagnostic or therapeutic

procedures.

## **Endostatin Antibody - Protein Information**

**Name** COL15A1

### **Function**

Structural protein that stabilizes microvessels and muscle cells, both in heart and in skeletal muscle.

### **Cellular Location**

Secreted, extracellular space, extracellular matrix. Secreted

### **Tissue Location**

Detected in fibroblasts and urine (at protein level) (PubMed:25326458, PubMed:36213313, PubMed:37453717). Detected in placenta (at protein level) (PubMed:32337544). Expressed predominantly in internal organs such as adrenal gland, pancreas and kidney

## **Endostatin Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Endostatin Antibody - Images**

## **Endostatin Antibody - Background**

Endostatin has been identified as a C-terminal fragment of Collagen type 18, a recently identified member of a family of collagen-like proteins referred to as multiplexin family Endostatin specifically inhibits proliferation of endothelial cells although it does not affect the proliferation of EOMA cells. Endostatin also potently inhibits angiogenesis and tumor growth. Endostatin has an important role in endothelial cell adhesion and cytoskeletal organization. Endostatin can be found in vessel walls (elastic fibers) and basement membranes. Recombinant Endostatin expressed in yeast causes G1 arrest of endothelial cells, and endostatin treatment results in apoptosis of HUVE and HMVE cells.