

## Endostatin Antibody

Catalog No: #33363



Package Size: #33363-1 50ul #33363-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

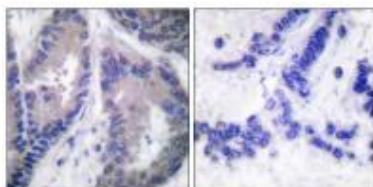
## Description

Product Name	Endostatin Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total endostatin protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human endostatin.
Target Name	Endostatin
Other Names	COL18A1; ENDOSTATIN; collagen type XVIII alpha 1;
Accession No.	Swiss-Prot: P39060NCBI Gene ID: 80781
SDS-PAGE MW	180kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:50~1:100

## Images



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using Endostatin antibody #33363.

## Background

COL18A1 probably plays a major role in determining the retinal structure as well as in the closure of the neural tube. Endostatin potently inhibits

endothelial cell proliferation and angiogenesis. May inhibit angiogenesis by binding to the heparan sulfate proteoglycans involved in growth factor signaling.

Takayuki Furumatsu, J. Biochem. (Tokyo), Apr 2002; 131: 619 - 626.

Sonja Stahl, Genes Cells, Sep 2005; 10: 929 - 939.

NICOLAI MIOGGE, FASEB J, Oct 1999; 13: 1743.

Nicholas J. MacDonald, J. Biol. Chem., Jun 2001; 276: 25190 - 25196.

---

Note: This product is for in vitro research use only and is not intended for use in humans or animals.