

Anti-Endostatin COL18A1 Antibody

Catalog Number: A01302

About COL18A1

COLA18A probably plays a major role in determining the retinal structure as well as in the closure of the neural tube. Endostatin potentially 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 MIOSGE, FASEB J, Oct 1999; 13: 1743.

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

Overview

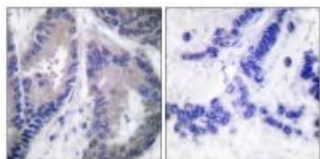
Product Name	Anti-Endostatin COL18A1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-Endostatin COL18A1 Antibody (Catalog # A01302). Tested in IHC applications. This antibody reacts with Human.
Application	IHC
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P39060

Technical Details

Immunogen	Synthesized peptide derived from human endostatin.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid

Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Immunohistochemistry: 1:50~1:100</p>

Anti-Endostatin COL18A1 Antibody (A01302) Images



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using Endostatin antibody A01302.

2 Publications Citing This Product

1. PubMed ID: -, Zhou J, Li Y, Shi X, Hao S, Zhang F, Guo Z, Gao Y, Guo H, Liu L. Oridonin inhibits tumor angiogenesis and induces vessel normalization in experimental colon cancer. J Cancer 2021; 12(11):3257-3264. doi:10.7150/jca.55929. Available from <https://www.jcancer.org/v12p3257.htm>
2. PubMed ID: 28789460, Preliminary investigation of the role of BTB domain-containing 3 gene in the proliferation and metastasis of hepatocellular carcinoma

Visit bosterbio.com/anti-endostatin-antibody-a01302-boster.html to see all 2 publications.

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