

# Anti-Endostatin/COL18A1 antibody ab202973

[2 References](#) [1 图像](#)

### 概述

|       |                                                                                                                                                             |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 产品名称  | Anti-Endostatin/COL18A1抗体                                                                                                                                   |
| 描述    | 兔多克隆抗体to Endostatin/COL18A1                                                                                                                                 |
| 宿主    | Rabbit                                                                                                                                                      |
| 经测试应用 | 适用于: IHC-P                                                                                                                                                  |
| 种属反应性 | 与反应: Human                                                                                                                                                  |
| 免疫原   | Synthetic peptide corresponding to Human Endostatin/COL18A1 aa 1600-1700 conjugated to keyhole limpet haemocyanin.<br>Database link: <a href="#">P39060</a> |

 [Run BLAST with](#)

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### 常规说明

ab202973 binds in the region of Endostatin/COL18A1.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### 性能

|      |                                                                                                                                   |
|------|-----------------------------------------------------------------------------------------------------------------------------------|
| 形式   | Liquid                                                                                                                            |
| 存放说明 | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| 存储溶液 | pH: 7.40<br>Preservative: 0.02% Proclin 300<br>Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X           |
| 纯度   | Protein A purified                                                                                                                |
| 克隆   | 多克隆                                                                                                                               |
| 同种型  | IgG                                                                                                                               |

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab202973于以下的经测试应用

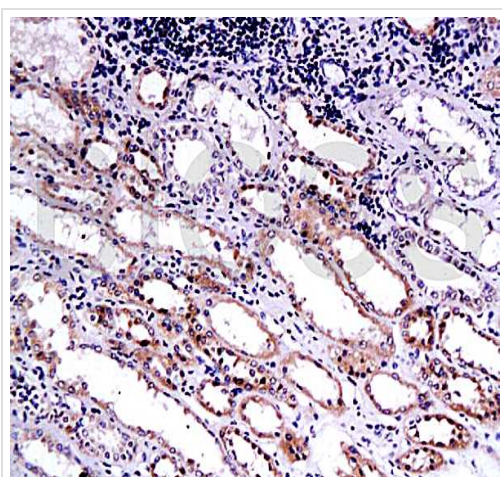
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用    | Ab评论 | 说明                                                                             |
|-------|------|--------------------------------------------------------------------------------|
| IHC-P |      | 1/100 - 1/500.<br>(or 1/50 - 1/200 if using a fluorescent secondary antibody). |

## 靶标

|              |                                                                                                                                                                                                                                                                                                                       |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>功能</b>    | COLA18A probably plays a major role in determining the retinal structure as well as in the closure of the neural tube.<br>Endostatin potently inhibits endothelial cell proliferation and angiogenesis. May inhibit angiogenesis by binding to the heparan sulfate proteoglycans involved in growth factor signaling. |
| <b>组织特异性</b> | Present in multiple organs with highest levels in liver, lung and kidney.                                                                                                                                                                                                                                             |
| <b>疾病相关</b>  | Defects in COL18A1 are a cause of Knobloch syndrome (KNO) [MIM:267750]. KNO is an autosomal recessive disorder defined by the occurrence of high myopia, vitreoretinal degeneration with retinal detachment, macular abnormalities and occipital encephalocele.                                                       |
| <b>序列相似性</b> | Belongs to the multiplexin collagen family.<br>Contains 1 FZ (frizzled) domain.<br>Contains 1 TSP N-terminal (TSPN) domain.                                                                                                                                                                                           |
| <b>翻译后修饰</b> | Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains.                                                                                                                                                                                                |
| <b>细胞定位</b>  | Secreted > extracellular space > extracellular matrix.                                                                                                                                                                                                                                                                |

## 图片



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human kidney carcinoma tissue labeling COL18A1 with ab202973 at 1/200 dilution, followed by conjugation to the secondary antibody and DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Endostatin/COL18A1 antibody (ab202973)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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