abcam

Product datasheet

Endostatin/COL18A1 peptide ab4983

描述

产品名称	Endostatin/COL18A1多肽
无动物成分	No
性质	Synthetic
序列	Two 14 amino acid synthetic peptides whose sequences are derived from amino acids 119-142 of mouse and human endostatin protein. The sequences of these peptides are (amino to carboxy terminus): R(129)RLM/TESYCETWRTE(142).
氨基酸	119 to 142

技术指标

Our **Abpromise guarantee** covers the use of **ab4983** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Blocking
形式	Liquid
补充说明	This peptide may be used for neutralization and control experiments with the polyclonal antibody that reacts with this product and mouse/human endostatin, catalog **ab3453**. Using a solution of peptide of equal volume and concentration to the corresponding antibody will yield a large molar excess of peptide (~ 70-fold) for competitive inhibition of antibody-protein binding reactions. This product was previously labelled as Endostatin

制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

常规信息

功能	COLA18A 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.
组织特异性	Present in multiple organs with highest levels in liver, lung and kidney.
疾病相关	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.
序列相似性	Belongs to the multiplexin collagen family. Contains 1 FZ (frizzled) domain. Contains 1 TSP N-terminal (TSPN) domain.
翻译后修饰	Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains.
细胞定位	Secreted > extracellular space > extracellular matrix.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

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