10320 Camino Santa Fe, Suite G
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Endostatin Antibody
Mouse Monoclonal Antibody
Catalog # ALS12175

Specification

Endostatin Antibody - Product Information

Application	**IHC**
Primary Accession	P39060
Reactivity	**Human, Mouse, Rat**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**178kDa KDa**

Endostatin Antibody - Additional Information

Gene ID 80781

Other Names
Collagen alpha-1(XVIII) chain, Endostatin, COL18A1

Target/Specificity
Recognizes mouse endostatin, Mr 22kD, an unidentified protein is also weakly detected, Mr 54kD. Detects human protein in IHC-FFPE. It is predicted that the antibody will also detect the rat protein. Cross-reactivity is predicted based on sequence ho ...

Reconstitution & Storage
Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

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

Endostatin Antibody - Protein Information

Name COL18A1 (HGNC:2195)

Function
Probably plays a major role in determining the retinal structure as well as in the closure of the neural tube.

Cellular Location
Secreted, extracellular space, extracellular matrix. Secreted, extracellular space, extracellular matrix, basement membrane {ECO:0000250|UniProtKB:P39061} [Endostatin]: Secreted. Secreted, extracellular space, extracellular matrix, basement membrane

Tissue Location
Detected in placenta (at protein level) (PubMed:32337544). Present in multiple organs with highest levels in liver, lung and kidney.

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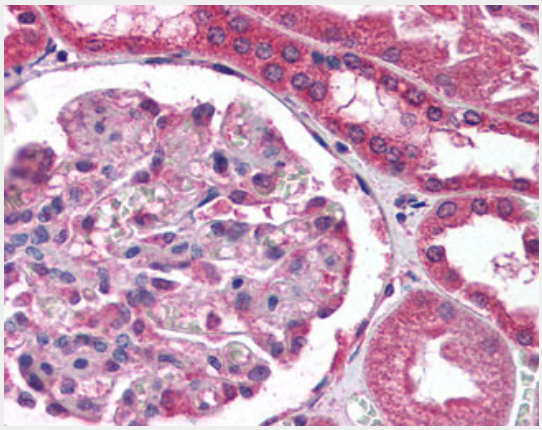
Volume
50 µl

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 Cytomety
- Cell Culture

Endostatin Antibody - Images



Anti-COL18A1 / Endostatin antibody IHC of human kidney.

Endostatin Antibody - Background

COLA18A probably plays a major role in determining the retinal structure as well as in the closure of the neural tube.

Endostatin Antibody - References

Saarela J.,et al.Matrix Biol. 16:319-328(1998).
Elamaa H.,et al.Matrix Biol. 22:427-442(2003).
Hattori M.,et al.Nature 405:311-319(2000).
Oh S.P.,et al.Genomics 19:494-499(1994).
Feng Y.,et al.Sheng Wu Gong Cheng Xue Bao 17:278-282(2001).