

Endostatin Antibody

Mouse Monoclonal Antibody Catalog # ALS12175

Specification

Endostatin Antibody - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

Human, Mouse, Rat Mouse Monoclonal 178kDa KDa WB~~1:1000 IHC-P~~N/A

WB, IHC-P

P39060

Endostatin Antibody - Additional Information

Gene ID 80781

Dilution

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 (<u>HGNC:2195</u>)

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.

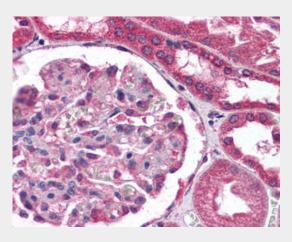
Volume 50 µl

Endostatin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- 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).