

Product datasheet for **AM08385PU-N**

Endostatin (COL18A1) (full length) Mouse Monoclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 1/100. Western Blot.
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Full-length Recombinant Murine Endostatin
Specificity:	Recognizes Mouse Endostatin (Mr 22kD), an unidentified protein is also weakly detected (Mr 54kD).
Formulation:	50 mM Sodium Phosphate, pH 8.0 containing 0.05% Sodium Azide, before the addition of Glycerol to 30% State: Purified State: Liquid purified Ig fraction
Purification:	Thiophilic Adsorption Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	collagen type XVIII alpha 1 chain
Database Link:	Entrez Gene 80781 Human P39060



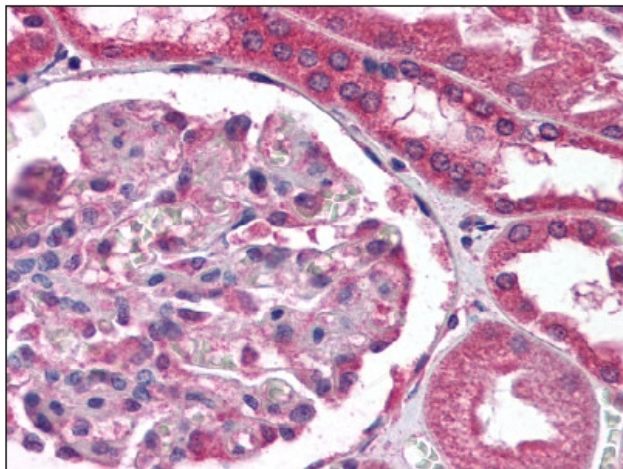
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Background:

Endostatin (20-22 kDa), a cleaved product of the C-terminal domain of collagen XVIII, is an endogenous angiogenesis inhibitor. It was originally found in conditioned media from a murine endothelial tumor cell line, hemangioendothelioma. Endostatin inhibits endothelial cell migration (in vivo and in vitro) and induces endothelial cell apoptosis. It inhibits tumor growth and impairs blood vessel maturation in wound healing. Endostatin has an important role in endothelial cell adhesion and cytoskeletal organization. Endostatin can be found in vessel walls (elastic fibers) and basement membranes.

Synonyms:

COL18A1, Endostatin, KNO1

Product images:

Kidney: Formalin-Fixed Paraffin-Embedded (FFPE) using COL18A1 antibody