

COL18A1 monoclonal antibody, clone KT3

Catalog # MAB1664

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against recombinant COL18A1.
Immunogen	Recombinant protein corresponding to human COL18A1.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	ELISA (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — COL18A1

Entrez GeneID

[80781](#)

Gene Name	COL18A1
Gene Alias	FLJ27325, FLJ34914, KNO, KNO1, MGC74745
Gene Description	collagen, type XVIII, alpha 1
Omim ID	120328 267750
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the alpha chain of type XVIII collagen. This collagen is one of the multiplexins, extracellular matrix proteins that contain multiple triple-helix domains (collagenous domains) interrupted by non-collagenous domains. The proteolytically produced C-terminal fragment of type XVIII collagen is endostatin, a potent antiangiogenic protein. Mutations in this gene are associated with Knobloch syndrome. The main features of this syndrome involve retinal abnormalities, so type XVI collagen may play an important role in retinal structure and in neural tube closure. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000115472 OTTHUMP00000115473 alpha 1 type XVIII collagen antiangiogenic agent endostatin multi-functional protein MFP

Disease

- [Adenocarcinoma](#)
- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Endometriosis](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hypersensitivity](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)

- [Multiple Myeloma](#)
- [Myopia](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Obesity](#)
- [Overweight](#)
- [Prostate cancer](#)
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- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)