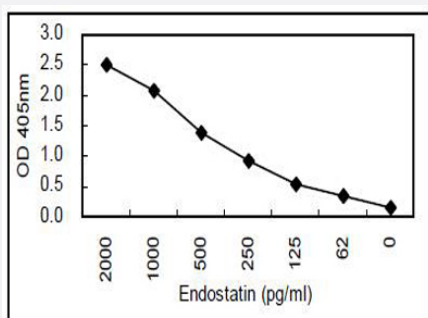


COL18A1 monoclonal antibody, clone KT58

Catalog # MAB9727 Size 100 ug

Applications



Sandwich ELISA

Sandwich ELISA using COL18A1 monoclonal antibody, clone KT58 (Cat # MAB9727) coated plate and HRP conjugated COL18A1 monoclonal antibody, clone KT60 (Cat # MAB9727).

Specification

Product Description Mouse monoclonal antibody raised against recombinant COL18A1.

Immunogen Recombinant protein corresponding to human COL18A1.

Host Mouse

Reactivity Human

Form Liquid

Purification Protein A purification

Concentration 1 mg/mL

Isotype IgG1

Recommend Usage
 ELISA (1 ug/mL)
 Sandwich ELISA (5 ug/mL for coating)
 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 1 month. 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

- Sandwich ELISA

Sandwich ELISA using COL18A1 monoclonal antibody, clone KT58 (Cat # MAB9727) coated plate and HRP conjugated COL18A1 monoclonal antibody, clone KT60 (Cat # MAB9727).

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](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)