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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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UMOD (Human) Matched Antibody Pair

Catalog # : H00007369-AP51

規格 : [1 Set]

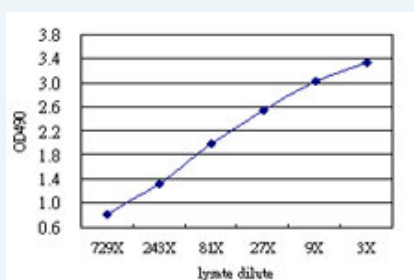
[List All](#)

Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human UMOD.

Reactivity: Human

Quality Control Testing: Standard curve using UMOD 293T overexpression lysate (non-denatured) as an analyte.



Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the UMOD 293T overexpression lysate (non-denatured).


Supplied Product: Antibody pair set content:
 1. Capture antibody: mouse monoclonal anti-UMOD (100 ug)
 2. Detection antibody: rabbit purified polyclonal anti-UMOD (50 ug)
 *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

ELISA Pair (Transfected lysate)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [7369](#)

Gene Name: UMOD

Gene Alias: ADMCKD2, FJHN, HNFJ, MCKD2, THGP, THP

Gene Description: uromodulin

Omim ID: [162000](#), [191845](#), [603860](#), [609886](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes uromodulin, the most abundant protein in normal urine. Its excretion in urine follows proteolytic cleavage of the ectodomain of its glycosyl phosphatidylinositol-anchored counterpart that is situated on the luminal cell surface of the loop of Henle. Uromodulin may act as a constitutive inhibitor of calcium crystallization in renal fluids. Excretion of uromodulin in urine may provide defense against urinary tract infections caused by uropathogenic bacteria. Defects in this gene are associated with the autosomal dominant renal disorders medullary cystic kidney disease-2 (MCKD2) and familial juvenile hyperuricemic nephropathy (FJHN). These disorders are characterized by juvenile onset of hyperuricemia, gout, and progressive renal failure. While several transcript variants may exist for this gene, the full-length nature of only two have been described to date. These two represent the major variants of this gene and encode the same isoform. [provided by RefSeq]

Other OTTHUMP00000162212, Tamm-Horsfall glycoprotein, uromodulin
Designations: (uromucoid, Tamm-Horsfall glycoprotein), uromucoid

Related Disease

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