

Recombinant

DGRmAb®

Uromucoid (DGR14551) Rabbit mAb

db15274

Package : 10µL 20µL 50µL 100µL

Product Name : Uromucoid (DGR14551) Rabbit mAb**Cat.No.:** db15274**Synonyms** : THP; FJHN; HNFJ; THGP; HNFJ1; MCKD2; ADMCKD2**Application** : WB, IHC-P**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene is the most abundant protein in mammalian urine under physiological conditions. 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. This protein may act as a constitutive inhibitor of calcium crystallization in renal fluids. Excretion of this protein in urine may provide defense against urinary tract infections caused by uropathogenic bacteria. Defects in this gene are associated with the renal disorders medullary cystic kidney disease-2 (MCKD2), glomerulocystic kidney disease with hyperuricemia and isosthenuria (GCKDHI), and familial juvenile hyperuricemic nephropathy (FJHN). Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Immunogen

Recombinant protein of human Uromucoid

Gene ID

7369

Swiss Prot

P07911

Synonyms

THP; FJHN; HNFJ; THGP; HNFJ1; MCKD2; ADMCKD2

Reactivity

Human

Application

WB, IHC-P

Recommended dilutionWB: 1:1000
IHC-P: 1:500-1:2000**Calculated MW**

70 kDa

Observed MW

115 kDa

Host species

Rabbit

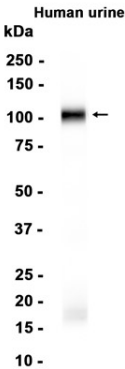
Clonality

Monoclonal

Clonality No.

DGR14551

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Human urine tissue using db15270 at 1:5000.