

For Research Use Only

# Uromodulin Recombinant antibody

Catalog Number: 85597-4-RR



## Basic Information

Catalog Number: 85597-4-RR	GenBank Accession Number: NM_009470.5	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 22242	CloneNo.: 242258H4
Source: Rabbit	UNIPROT ID: Q91X17	Recommended Dilutions: WB 1:500-1:2000 IHC 1:200-1:800 IF-P 1:50-1:500
Isotype: IgG	Full Name: Uromodulin	
Immunogen Catalog Number: EG2748	Calculated MW: 71 kDa Observed MW: 110 kDa	

## Applications

Tested Applications: WB, IHC, IF-P, ELISA	Positive Controls:
Species Specificity: mouse	WB : mouse kidney tissue, IHC : mouse kidney tissue, IF-P : mouse kidney tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Uromodulin, also known as THP (Tamm-Horsfall glycoprotein), is the most abundant protein excreted in the urine under physiological conditions. Uromodulin is synthesized by the kidney and localizes in cells lining the ascending limb of Henle and distal convoluted tubule. Uromodulin is linked to water/electrolyte balance and kidney innate immunity. Also, studies in knockout mice demonstrated that it has a protective role against urinary tract infections and renal stone formation. Mutations in the gene encoding uromodulin lead to rare autosomal dominant diseases, collectively referred to as uromodulin-associated kidney diseases. (PMID: 21654721)

## Storage

Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

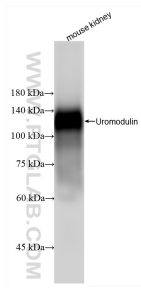
T: 4006900926

E: Proteintech-CN@ptglab.com

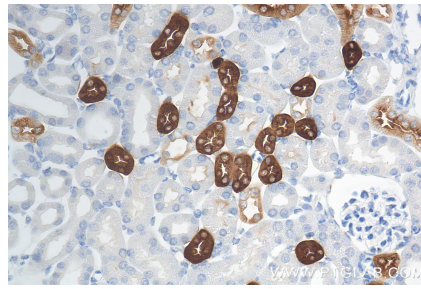
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

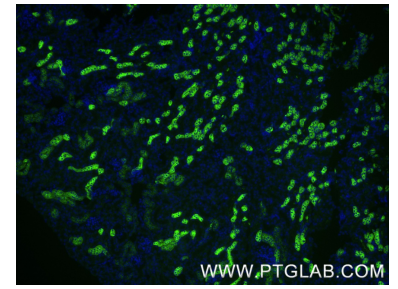
## Selected Validation Data



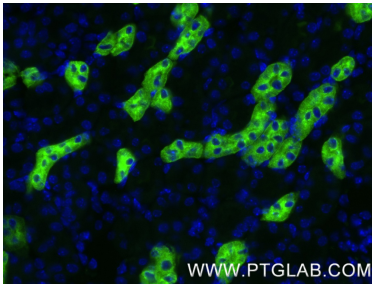
Various lysates were subjected to SDS PAGE followed by western blot with 85597-4-RR (Uromodulin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 85597-4-RR (Uromodulin antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse kidney tissue using Uromodulin antibody (85597-4-RR, Clone: 242258H4 ) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse kidney tissue using Uromodulin antibody (85597-4-RR, Clone: 242258H4 ) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).