

For Research Use Only

Mouse Uromodulin Recombinant antibody, PBS Only

Catalog Number: 85597-4-PBS



Basic Information

Catalog Number: 85597-4-PBS	GenBank Accession Number: NM_009470.5	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 22242	CloneNo.: 242258H4
Source: Rabbit	UNIPROT ID: Q91X17	
Isotype: IgG	Full Name: Uromodulin	
Immunogen Catalog Number: EG2748	Calculated MW: 71 kDa	
	Observed MW: 110 kDa	

Applications

Tested Applications:
WB, IHC, IF-P, Indirect ELISA

Species Specificity:
mouse

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

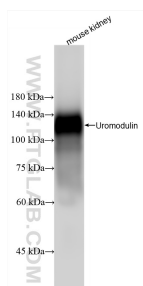
Storage:
Store at -80°C.

Storage Buffer:
PBS only

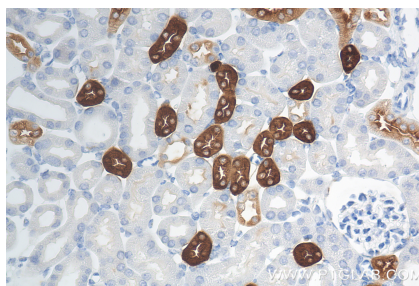
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

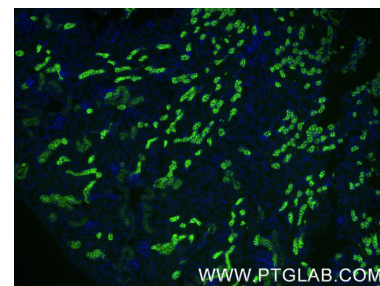
Selected Validation Data



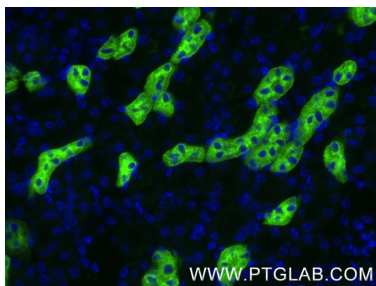
Various lysates were subjected to SDS PAGE followed by western blot with 85597-4-RR (Uromodulin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85597-4-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 85597-4-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 85597-4-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 85597-4-PBS in a different storage buffer formulation.