For Research Use Only

Mouse Umod Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:85597-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
85597-2-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG2748

GenBank Accession Number:
NM_009470.5

GeneID (NCBI):
22242

UNIPROT ID:
Q91X17

Full Name:
Uromodulin

Calculated MW:
71 kDa

Purification Method:
Protein A purification

CloneNo.:
242258G11

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

Product Information

85597-2-PBS targets Umod as part of a matched antibody pair:

MP01986-1: 85597-1-PBS capture and 85597-2-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

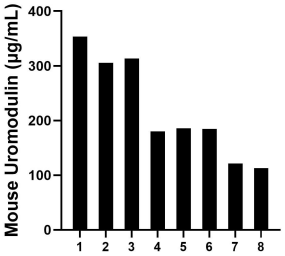
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

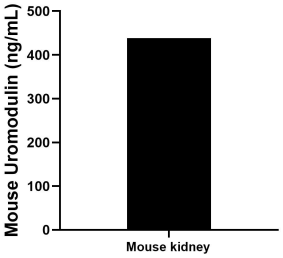
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

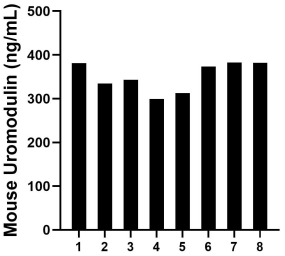
Selected Validation Data



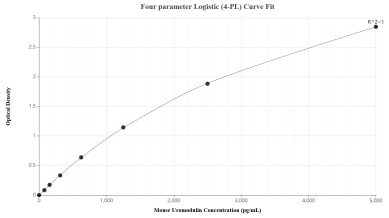
Urine of eight mice was measured. The Uromodulin concentration of detected samples was determined to be 219.6 µg/mL with a range of 112.9-353.4 µg/mL.



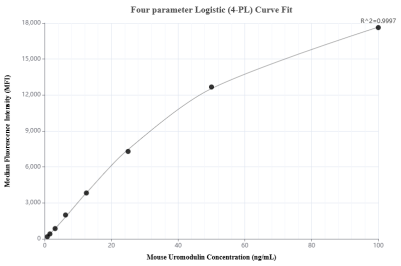
The mean Uromodulin concentration was determined to be 438.3 ng/mL in mouse kidney tissue extract based on a 6.4 mg/mL extract load.



Serum of eight mice was measured. The Uromodulin concentration of detected samples was determined to be 351.1 ng/mL with a range of 299.4-382.7 ng/mL.



Sandwich ELISA standard curve of MP01986-1, Mouse Uromodulin Recombinant Matched Antibody Pair - PBS only. 85597-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2748. 85597-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



Cytometric bead array standard curve of MP01986-1, MOUSE Uromodulin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85597-1-PBS. Detection antibody: 85597-2-PBS. Standard: Eg2748. Range: 0.781-100 ng/mL.