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Datasheet for ABIN521253

anti-Uromodulin antibody (AA 25-120)

4 Images

2 Publications

Overview

Quantity:	100 µg
Target:	Uromodulin (UMOD)
Binding Specificity:	AA 25-120
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Uromodulin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant UMOD.
Immunogen:	UMOD (NP_001008390.1, 25 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	DTSEARWCSE CHSNATCTED EAVTTCTCQE GFTGDGLTCV DLDECAIPGA HNCNSANSSCV NTPGSFSCVC PEGFRLSPGL GCTDVDECAE PGLSHC
Clone:	3F10
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Uromodulin (UMOD)
Alternative Name:	UMOD (UMOD Products)
Background:	Full Gene Name: uromodulin Synonyms: ADMCKD2,FJHN,HNFJ,MCKD2,THGP,THP
Gene ID:	7369
NCBI Accession:	NM_001008389

Application Details

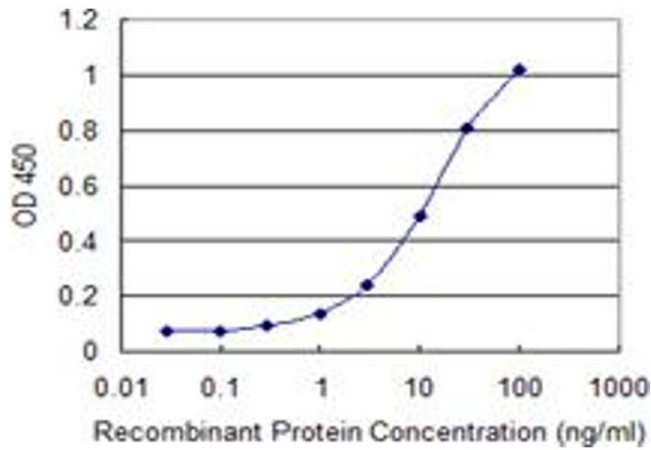
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

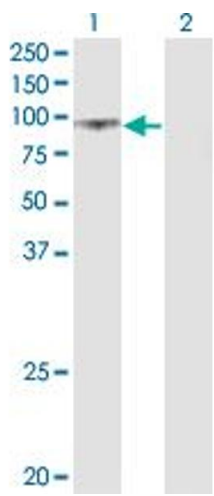
Publications

Product cited in:	Jou, Tsai, Fang, Chen, Chen, Huang, Li, Shen: "Mass spectrometric study of stone matrix proteins of human bladder stones." in: Urology , Vol. 82, Issue 2, pp. 295-300, (2013) (PubMed).
	Jou, Fang, Chen, Chen, Cheng, Shen, Liao, Tsai: "Proteomic study of renal uric acid stone." in: Urology , Vol. 80, Issue 2, pp. 260-6, (2012) (PubMed).



ELISA

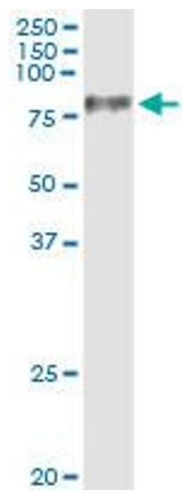
Image 1. Detection limit for recombinant GST tagged UMOD is 0.3 ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot analysis of UMOD expression in transfected 293T cell line by UMOD monoclonal antibody (M03), clone 3F10.

Lane 1: UMOD transfected lysate (Predicted MW: 66.7 KDa).
Lane 2: Non-transfected lysate.



Immunoprecipitation

Image 3. Immunoprecipitation of UMOD transfected lysate using anti-UMOD monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with UMOD MaxPab rabbit polyclonal antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN521253.