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Datasheet for ABIN5539604

anti-Uromodulin antibody (AA 525-536)

1 Image

Overview

Quantity:	100 µg
Target:	Uromodulin (UMOD)
Binding Specificity:	AA 525-536
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Uromodulin antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Uromodulin (aa525-536)
Sequence:	DRCPHTRDST IQ
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_001008390.1, NP_003352.2
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

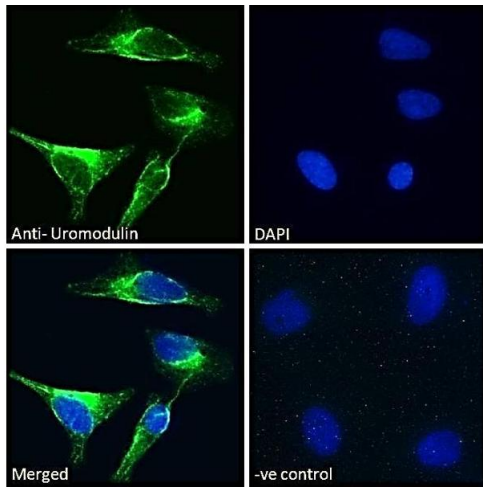
Target:	Uromodulin (UMOD)
Alternative Name:	UMOD (UMOD Products)
Background:	UMOD, uromodulin, ADMCKD2, FJHN, HNFJ, HNFJ1, MCKD2, THGP, THP, OTTHUMP00000162212, OTTHUMP00000162213, Tamm-Horsfall glycoprotein, tamm-Horsfall urinary glycoprotein, uromodulin (uromucoid, Tamm-Horsfall glycoprotein), uromucoid
Gene ID:	7369
NCBI Accession:	NP_003352

Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:64000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the Plasma membrane and Golgi of HeLa cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunofluorescence

Image 1. ABIN5539604 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane and Golgi staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).