

Datasheet for ABIN5012269

anti-Uromodulin antibody (AA 351-450) (AbBy Fluor® 680)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Uromodulin (UMOD)
Binding Specificity:	AA 351-450
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Uromodulin antibody is conjugated to AbBy Fluor® 680
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from Human Uromodulin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow
Purification:	Purified by Protein A.

Target Details

Target:	Uromodulin (UMOD)
Alternative Name:	Uromodulin (UMOD Products)

Target Details

Background: Synonyms: ADMCKD2, FJHN, HNFJ, HNFJ1, MCKD2, medullary cystic kidney disease 2 autosomal dominant, Tamm Horsfall glycoprotein, Tamm Horsfall urinary glycoprotein, Tamm-Horsfall urinary glycoprotein, THGP, THP, Umod, UROM_HUMAN, Uromodulin.

Background: Uromodulin: Functions in biogenesis and organization of the apical membrane of epithelial cells of the thick ascending limb of Henle's loop (TALH), where it promotes formation of complex filamentous gel-like structure providing the water barrier permeability. May serve as a receptor for binding and endocytosis for cytokines (IL-1, IL-2) and TNF. Facilitates neutrophil migration across renal epithelia. Uromodulin, secreted form: Secreted into urine after proteolytical cleavage. Into the urine, may contribute to colloid osmotic pressure, retards passage of positively charged electrolytes, prevents urinary tract infection and modulates formation of supersaturated salts and their crystals.

Gene ID: 7369

UniProt: [P07911](#)

Application Details

Application Notes: FCM 1:20-100
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months