

## Uromodulin Antibody FITC Conjugated

Catalog No: #C03991F

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## Description

Product Name	Uromodulin Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 375-420 642 derived from mouse Uromodulin
Conjugates	FITC
Target Name	Uromodulin
Other Names	THP; Urehd1; urehr4; Uromodulin; Tamm-Horsfall urinary glycoprotein; Umod
Accession No.	Swiss-Prot#Q91X17NCBI Gene ID22242
Uniprot	Q91X17
GeneID	22242;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

Flow-Cyt=1:50-200 IF=1:50-200

## 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 epithelial (By similarity). Uromodulin, secreted form: Secreted into urine after proteolytically 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.

Note: This product is for in vitro research use only