

Anti-Umod antibody



Catalog Number: 175744

Product name

Anti-Umod antibody

FC:1µg/Test

IF:1:100-500

Specificity

Human, Mouse, Rat, Cow

Antibody description

Rabbit polyclonal antibody to Umod

Preparation

This antigen of this antibody was klh conjugated synthetic peptide derived from mouse mckd2 351-450/642

Formulation

Liquid, 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage

Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.

Clonality

Polyclonal

Ig Type

IgG

Applications

WB, IHC-P, ICC/IF, FC

Dilutions

WB:1:500-2000

IHC-P:1:400-800

Validations

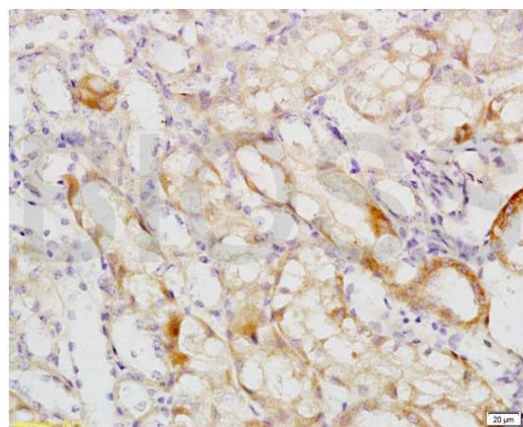


Fig1: Tissue/cell: mouse kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;; Incubation: Anti-MCKD2/UMOD Polyclonal Antibody, Unconjugated 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010)

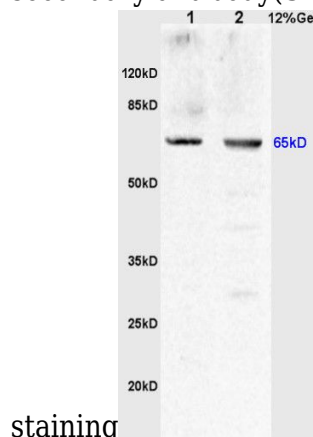
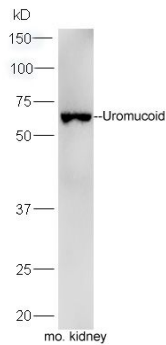


Fig2: Sample;; Lane 1: Kidney(Rat) Lysate at 30 ug; Lane 2: Kidney carcinoma(Human) Lysate at 30 ug; Primary: Anti-MCKD2/UMOD at 1:200 dilution;; Secondary: HRP conjugated Goat Anti-Rabbit IgG(bs-0295G-HRP) at 1: 3000 dilution;; Predicted band size : 65kD; Observed band size :



65kD

Fig3: Sample: Kidney(Mouse) lysate at 30 ug;;
Primary: Anti-Uromucoid at 1:300 dilution;;
Secondary: HRP conjugated Goat-Anti-rabbit
IgG(bs-0295G-HRP) at 1: 5000 dilution;; Predicted
band size:61/65 kD; Observed band size:65 kD

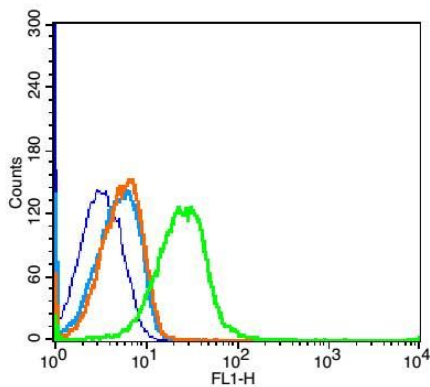


Fig4: Blank control: Mouse kidney (blue).; Primary Antibody:Rabbit Anti-Coxsackie Adenovirus Receptor antibody (Green); Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA;; Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions;; Secondary Antibody: Goat anti-rabbit IgG-FITC(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.; Protocol; The cells were fixed with 2% paraformaldehyde for 10 min at 37°C. Primary antibody (1µg /1x10⁶ cells) were incubated for 30 min at room temperature, followed by 1 X PBS containing 0.5% BSA + 10% goat serum (1 hour) to block non-specific protein-protein interactions. Then the Goat Anti-rabbit IgG/FITC antibody was added into the blocking buffer mentioned above to react with the primary antibody at 1/200 dilution for 40 min at room temperature. Acquisition of 20,000 events was performed.