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Datasheet for ABIN364281
anti-Uromodulin antibody

2 Images

Overview

Quantity:	50 µg
Target:	Uromodulin (UMOD)
Reactivity:	Human, Dog
Host:	Mouse
Clonality:	Monoclonal
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (IF)

Product Details

Brand:	IHC-plus™
Immunogen:	Human Tamm-Horsfall protein.
Clone:	10-32
Isotype:	IgG2b
Specificity:	Anti-human Tamm-Horsfall protein (THP) is a monoclonal antibody which reacts with an epitope of the urinary mucoprotein. Tamm-Horsfall protein is a glycoprotein of approximately 80 kD containing up to 25 % carbohydrate by weight.
Purification:	Protein G purified

Target Details

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

Target Details

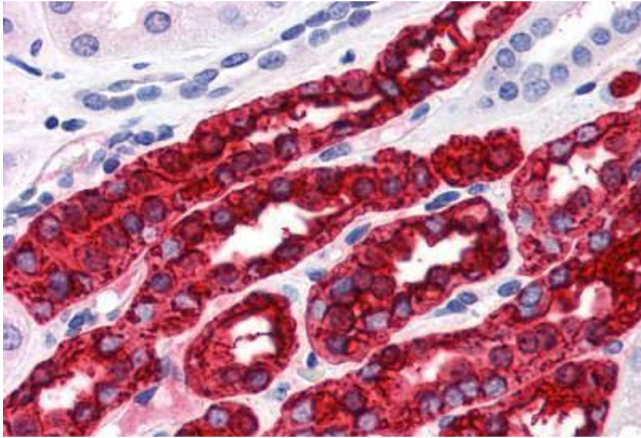
Background:	Name/Gene ID: UMOD Synonyms: UMOD, ADMCKD2, FJHN, HNFJ, MCKD2, THGP, THP, Uromucoid, Tamm-Horsfall glycoprotein, HNFJ1, Uromodulin
Gene ID:	7369
UniProt:	P07911

Application Details

Application Notes:	Approved: IF, IHC, IHC-Fr, IHC-P (20 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 20 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

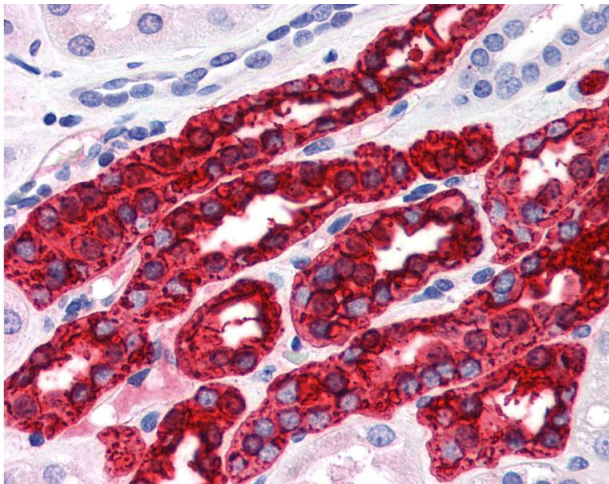
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 0.02 % sodium azide.
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:	avoid freeze thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Kidney (formalin-fixed, paraffin-embedded) stained with UMOD antibody ABIN364281 at 20 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-UMOD / Uromodulin antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 20 ug/ml.