

Mouse anti-Human Uroplakin-2 Monoclonal Antibody | anti-UPK2 antibody

Mouse Anti Uroplakin-2 Monoclonal Antibody

CATALOG # AAA71363	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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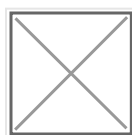
PRODUCT SYNONYMS

Uroplakin-2; Monoclonal Antibody; Mouse Anti Uroplakin-2 Monoclonal Antibody; anti-UPK2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	ABM146
Specificity	This antibody recognizes human Uroplakin-2 protein. The other species are not tested.
Purity/Purification	The mouse IgG is purified by Protein A-Affinity Chromatography according to Isotyping
Form/Format	This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer.
Sequence Length	184
Applicable Applications for anti-UPK2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Antigen Preparation	A synthetic peptide from C-term of human uroplakin-2 protein
Positive Control	Kidney Tissue
Cellular Location	Cell Membrane
Preparation and Storage	The antibodies are stable for 1 year from date of receipt when stored at –20oC to –70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry: Human placenta (FFPE) stained with Mouse anti- Uroplakin-2 (Cat# AAA71363) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

ADDITIONAL INFORMATION

Related Product Information for anti-UPK2 antibody	<p>Description: Uroplakin-2</p> <p>Uroplakin-2 is one of the proteins of the highly conserved urothelium-specific integral membrane proteins of the asymmetric unit membrane which forms urothelium apical plaques in mammals. Urothelium is built with dimensional, asymmetric plaques, whose specific structure is crucial for tightness and elasticity of urothelium. Integral components of these plaques are uroplakins (UP).. Several isoforms of UP are known in humans: UP1a, UP1b, UP2, UP3a, UP3b, and UP3c. UP2 with a mass of 15kDa is the smallest UP. In contrast to other UPs, a mature form of UP2 does not consist of any sugar moiety; however its precursor undergoes glycosylation in endoplasmic reticulum. Glycosylation of immature UP2 seems to be crucial in building the dimer with UP1a. UP2 is essential in forming of uroplakins crystals, out of which plaques are built. Studies have shown uroplakin 2 messenger RNA to be expressed in bladder cancer tissues and peripheral blood of patients with urothelial carcinoma.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5803215
NCBI GeneID	7379
NCBI GenBank Nucleotide #	NP_006751.1
UniProt Accession #	O00526
Molecular Weight	15.0
NCBI Official Full Name	uroplakin-2
NCBI Official Synonym Full Names	uroplakin 2
NCBI Official Symbol	UPK2
NCBI Official Synonym Symbols	UP2; UPII
NCBI Protein Information	uroplakin-2
UniProt Protein Name	Uroplakin-2
UniProt Gene Name	UPK2
UniProt Synonym Gene Names	UP2; UPII
UniProt Entry Name	UPK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/uroplakin-2-antibody-clone-abm146-western-blot-immunohistochemistry-elisa/71363>