

Product datasheet

Anti-Uroplakin III antibody [SP73] ab93721

Recombinant RabMAb

★ ★ ★ ★ ★ **5 Abreviews** [2 Images](#)

Overview

Product name	Anti-Uroplakin III antibody [SP73]
Description	Rabbit monoclonal [SP73] to Uroplakin III
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human Uroplakin III aa 250 to the C-terminus (C terminal). The exact sequence is proprietary. Database link: O75631
Epitope	C-terminus.
Positive control	Human bladder carcinoma tissue.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
Purity	Protein A/G purified
Purification notes	Purified from TCS by protein A/G.
Clonality	Monoclonal

Clone number	SP73
Isotype	IgG

Applications

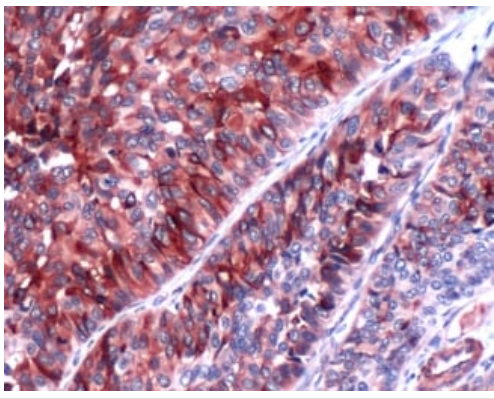
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab93721 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★ ★ ★ ★ ★ (5)	1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Target

Function	Component of the asymmetric unit membrane (AUM); a highly specialized biomembrane elaborated by terminally differentiated urothelial cells. May play an important role in AUM-cytoskeleton interaction in terminally differentiated urothelial cells. It also contributes to the formation of urothelial glycocalyx which may play an important role in preventing bacterial adherence.
Tissue specificity	Expressed in ureter.
Involvement in disease	Defects in UPK3A are a cause of renal adysplasia (RADYS) [MIM:191830]; also known as renal agenesis or renal aplasia. Renal agenesis refers to the absence of one (unilateral) or both (bilateral) kidneys at birth. Bilateral renal agenesis belongs to a group of perinatally lethal renal diseases, including severe bilateral renal dysplasia, unilateral renal agenesis with contralateral dysplasia and severe obstructive uropathy.
Sequence similarities	Belongs to the uroplakin-3 family.
Cellular localization	Endoplasmic reticulum membrane. Heterodimer formation with UPK1B is a prerequisite to exit out of the endoplasmic reticulum (ER).

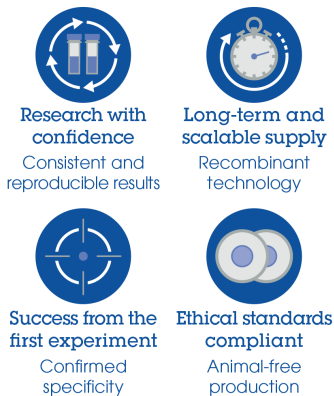
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Uroplakin III antibody [SP73] (ab93721)

ab93721 at 1/100 dilution staining Uroplakin III in Human bladder carcinoma by Immunohistochemistry, Formalin-fixed, Paraffin-embedded tissue.

Why choose a recombinant antibody?



Anti-Uroplakin III antibody [SP73] (ab93721)

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