

Product datasheet

Anti-Uroplakin III antibody [SP73] ab93721

RabMAb

★ ★ ★ ★ ★ 5 Abreviews 1 Image

Overview

Product name	Anti-Uroplakin III antibody [SP73]
Description	Rabbit monoclonal [SP73] to Uroplakin III
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	A synthetic peptide corresponding to the C-terminus of Human Uroplakin III protein.
Epitope	C-terminus.
Positive control	Human bladder carcinoma tissue.
General notes	This product is a recombinant rabbit monoclonal antibody.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: Sodium Azide Constituents: BSA, 10mM PBS, pH 7.4
Purification notes	ab93721 has been purified
Clonality	Monoclonal
Clone number	SP73
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab93721** in the following tested applications.

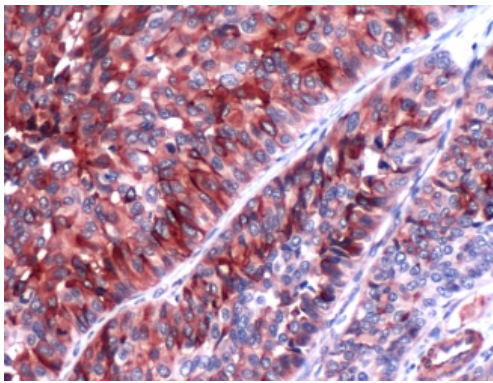
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★ ★ ★ ★ ★	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).

Anti-Uroplakin III antibody [SP73] images



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

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

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