

ARG66937 anti-Uroplakin III antibody [SQab22267]

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab22267] recognizes Uroplakin III
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab22267
Isotype	IgG
Target Name	Uroplakin III
Species	Human
Immunogen	Full length protein corresponding to Human Uroplakin III.
Conjugation	Un-conjugated
Alternate Names	UPIII; UPK3; Uroplakin-3a; UPIIIA; Uroplakin III; UP3A; UP3a

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:200
Application Note	IHC-P: Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0). Incubate the samples at RT (18-25°C) for 30 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human urothelial carcinoma tissue	

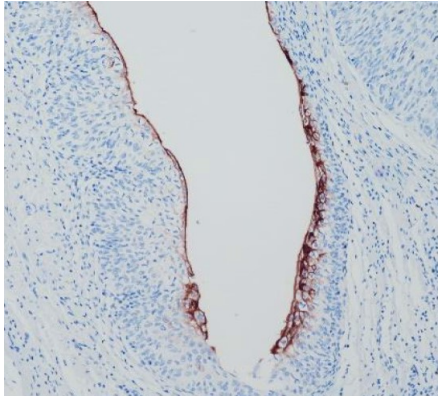
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05%BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05%BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	UPK3A
Gene Full Name	uroplakin 3A
Background	This gene encodes a member of the uroplakin family, a group of transmembrane proteins that form complexes on the apical surface of the bladder epithelium. Mutations in this gene may be associated with renal adysplasia. Alternatively spliced transcript variants have been described.[provided by RefSeq, Nov 2009]
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 (By similarity). [UniProt]
Calculated Mw	31 kDa

Images



ARG66937 anti-Uroplakin III antibody [SQab22267] IHC-P image

Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded sections of Human urothelial carcinoma tissue stained with ARG66937 anti-Uroplakin III antibody [SQab22267]. Antigen Retrieval: Heat tissue section in Tris-EDTA buffer (pH 9.0).