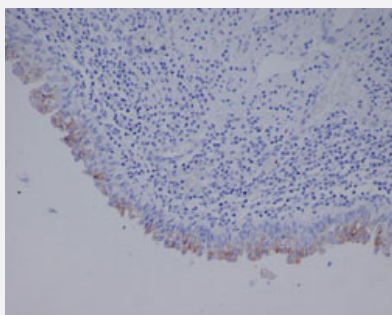


UPK3A monoclonal antibody, clone AFEH-21

Catalog # MAB22279 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human bladder tissue.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human UPK3A.
Immunogen	A synthetic peptide corresponding to human UPK3A.
Host	Rabbit
Reactivity	Human
Specificity	The antibody reacts with human UPK3A, in native form and recombinant. Superfamily members of U PK3A are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:100) Immunohistochemistry (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C for short term storage. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human bladder tissue.
- Flow Cytometry

Gene Info — UPK3A

Entrez GeneID [7380](#)

Protein Accession# [O75631](#)

Gene Name UPK3A

Gene Alias MGC119178, UPIII, UPIIIA, UPK3

Gene Description uroplakin 3A

Omim ID [611559](#)

Gene Ontology [Hyperlink](#)

Gene Summary Uroplakins (UPK) are integral membrane proteins that form 2-dimensional crystalline arrays termed urothelial plaques that cover more than 90% of the apical urothelial surface. The asymmetric unit membrane (AUM) forms the apical plaques of urothelium and is believed to strengthen the urothelial apical surface and prevent the cells from rupturing during bladder distention. The 4 major conserved integral membrane proteins of the AUM are UPK1A (MIM 611557), UPK1B (MIM 602380), UPK2 (MIM 611558), and UPK3A.[supplied by OMIM]

Other Designations OTTHUMP00000028951|uroplakin III

Disease

- [Vesico-Ureteral Reflux](#)