

Uroplakin 1a (UPK1A) Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50316

Clone# BP6293

Predicted Molecular Wt: 29kDa
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: O00322

Background:

Uroplakin 1a (UPK1A) is one out of 5 known uroplakin protein particles that cooperatively form apical asymmetric unit membrane (AUM) plaques which play an important role in the stabilization and strengthening of epithelial cells that line the bladder.

UPK1A is expressed in a limited number of normal tissues. A weak to moderate UPK1A staining can occur in some cell layers (middle third) of the squamous epithelium.

The significant advantage of moderate to strong membrane UPK1A immunostaining in urothelial carcinoma indicates that positive UPK1A staining has high specificity in distinguishing urothelial carcinoma from other tumors.

Subcellular location:

Membrane

Recommended Method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide. This information is proprietary to Biolynx.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage Conditions:

-25°C to -18°C

Shipment Instructions:

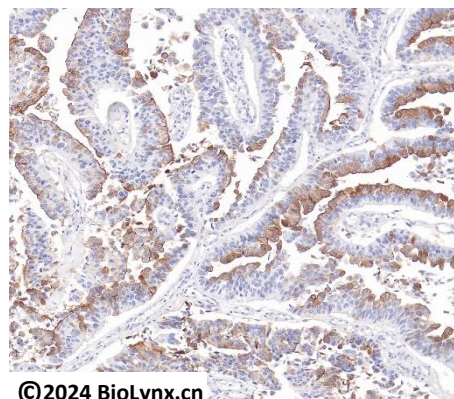
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

1. Viktor Reisch. (2022) Pathol Res Pract, Sep;237:154028
2. Byun Y. (2020) Mol Cells, Dec 31;43(12):975-988.



©2024 Biolynx.cn

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of urothelial carcinoma labelling Uroplakin 1a with BP6293.

Product QC'd by: 

For research use only. Not for use in diagnostic or therapeutic applications.