

Uroplakin 1b (UPK1B) Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50336

Clone# BP6310

Predicted Molecular Wt: 30kDa
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: O75841

Background:

Uroplakin 1b (UPK1B) 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.

UPK1B is expressed in a limited number of normal tissues, including the bladder, stomach and tonsils.

The significant advantage of moderate to strong membrane UPK1B immunostaining in urothelial carcinoma indicates that positive UPK1B staining has high specificity in distinguishing urothelial carcinoma from other tumors.

Subcellular location:

Cytoplasm and 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:

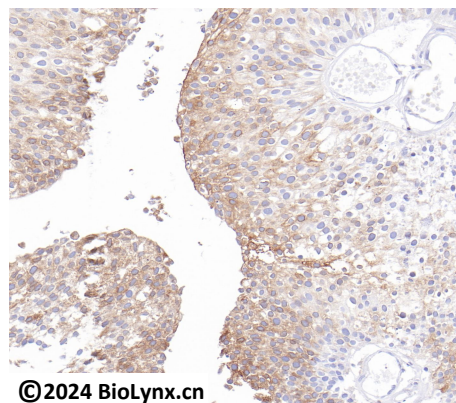
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

- Burger M, et al. (2013) Eur Urol. 63(2):234-241.
- Krystian Kaczmarek, et al. (2024) Int Urol Nephrol. Feb;56(2):499-508



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of urothelial carcinoma labelling Uroplakin 1b with BP6310.

Product QC'd by:



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