

Product datasheet

Anti-Uroplakin Ib/UIb antibody [UPK1B/3102] - BSA and Azide free ab263459

3 Images

Overview

Product name	Anti-Uroplakin Ib/UIb antibody [UPK1B/3102] - BSA and Azide free
Description	Mouse monoclonal [UPK1B/3102] to Uroplakin Ib/UIb - BSA and Azide free
Host species	Mouse
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment within Human Uroplakin Ib/UIb aa 106-229. The exact sequence is proprietary. Database link: O75841
Positive control	IHC-P: Human urothelial carcinoma tissue.
General notes	<p>ab263459 is the carrier-free version of ab263455.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A/G purified
Purification notes	Purified from bioreactor concentrate.
Clonality	Monoclonal
Clone number	UPK1B/3102
Isotype	IgG1
Light chain type	kappa

Applications

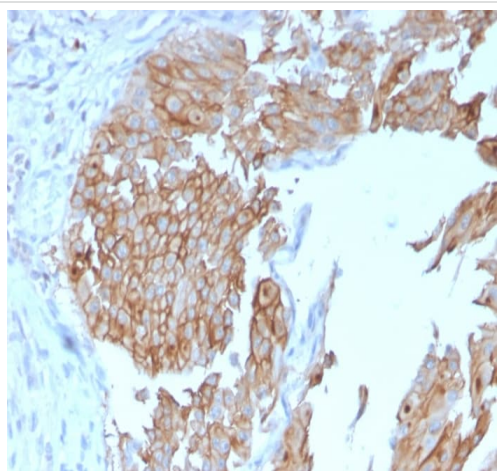
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab263459 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 1 - 2 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Incubate with primary antibody for 30 mins at RT.

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 normal bladder epithelial physiology, possibly in regulating membrane permeability of superficial umbrella cells or in stabilizing the apical membrane through AUM/cytoskeletal interactions.
Tissue specificity	Bladder epithelium.
Sequence similarities	Belongs to the tetraspanin (TM4SF) family.
Post-translational modifications	N-glycosylated with high-mannose oligosaccharides.
Cellular localization	Membrane.

Images

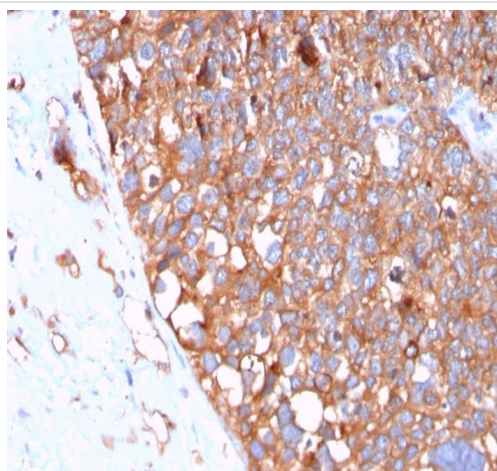


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Uroplakin Ib/UPIb antibody [UPK1B/3102] - BSA and Azide free (ab263459)

Formalin-fixed, paraffin-embedded human urothelial carcinoma tissue stained for Uroplakin Ib/UPIb using [ab263455](#) at 2 µg/ml in immunohistochemistry.

Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.

This image was produced using the same clone but different formulation, PBS, sodium azide and BSA [ab263455](#).

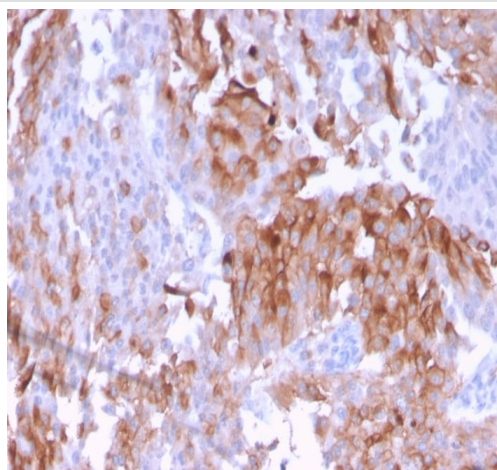


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