

## Anti-Uroplakin 1B Antibody [UPK1B/3081] (A250279)

### Specifications:

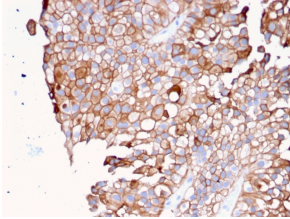
Name:	Anti-Uroplakin 1B Antibody [UPK1B/3081]
Description:	Mouse monoclonal [UPK1B/3081] antibody to Uroplakin 1B.
Specificity:	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is found in the asymmetrical unit membrane (AUM) where it can form a complex with other transmembrane 4 superfamily proteins. It may play a 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. UPK1B is expressed by terminally differentiated urothelial cells.
Applications:	ELISA, IHC-P
Recommended Dilutions:	IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 109-229, of human Uroplakin 1B protein. The exact sequence is proprietary.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	UPK1B/3081
Isotype:	IgG2b
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Uroplakin 1B Antibody [UPK1B/3081] - BSA and Azide free (A253459).

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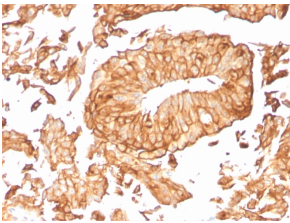
## Specifications continued:

**Disclaimer:** This product is for research use only. It is not intended for diagnostic or therapeutic use.

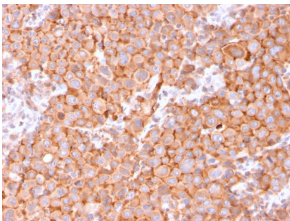
## Images:



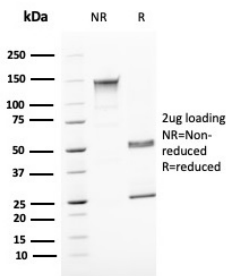
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human urothelial carcinoma using Anti-Uroplakin 1B Antibody [UPK1B/3081].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human urothelial carcinoma using Anti-Uroplakin 1B Antibody [UPK1B/3081].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human urothelial carcinoma using Anti-Uroplakin 1B Antibody [UPK1B/3081].



SDS-PAGE analysis of Anti-Uroplakin 1B Antibody [UPK1B/3081] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.