

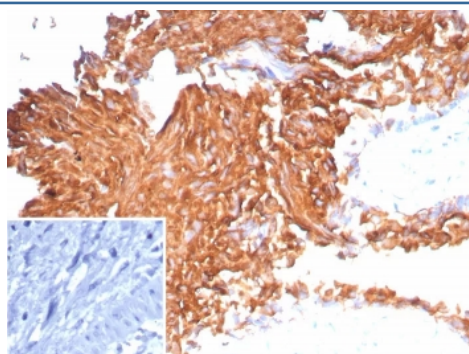
## Recombinant Uroplakin 1B Antibody / UPK1B [clone UPK1B/9258R] (V5386)

Catalog No.	Formulation	Size
V5386-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5386-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5386SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

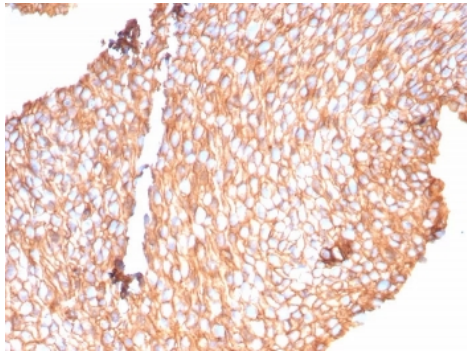
Recombinant **RABBIT MONOCLONAL**

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	UPK1B/9258R
Purity	Protein A/G affinity
UniProt	O75841
Localization	Membrane
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant Uroplakin 1B antibody is available for research use only.



IHC staining of FFPE human bladder carcinoma tissue with recombinant Uroplakin 1B antibody (clone UPK1B/9258R). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human bladder carcinoma tissue with recombinant Uroplakin 1B antibody (clone UPK1B/9258R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

## Description

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.

## Application Notes

Optimal dilution of the recombinant Uroplakin 1B antibody should be determined by the researcher.

## Immunogen

A recombinant fragment (within amino acids 109-229) of human Uroplakin 1B/UPK1B protein was used as the immunogen for the recombinant Uroplakin 1B antibody.

## Storage

Aliquot the recombinant Uroplakin 1B antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.