

Recombinant Uroplakin 1B (Urothelial Differentiation Marker) Antibody

Rabbit Monoclonal Antibody [Clone UPK1B/9258R]

Catalog No	Format	Size
7348-RBM8-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7348-RBM8-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7348-RBM8-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

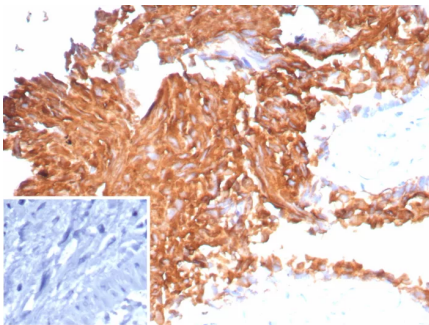
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

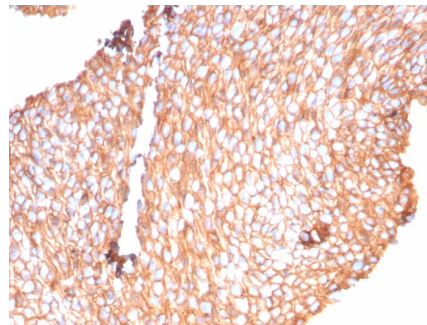
Clone	UPK1B/9258R
Gene Name	UPK1B
Immunogen	Recombinant fragment (around aa 109-229) of human Uroplakin 1B (UPK1B) protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	30kDa
Cellular Localization	Membrane.
Species Reactivity	Human
Positive Control	Urinary bladder (IHC).

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant Uroplakin 1B (Urothelial Differentiation Marker) Antibody



Formalin-fixed, paraffin-embedded human bladder carcinoma stained with Uroplakin 1B Recombinant Rabbit Monoclonal Antibody (UPK1B/9258R). Inset: PBS instead of primary antibody; secondary only negative control.



Formalin-fixed, paraffin-embedded human bladder carcinoma stained with Uroplakin 1B Recombinant Rabbit Monoclonal Antibody (UPK1B/9258R). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

Specificity & Comments

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.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
