

Recombinant Uroplakin 1A (Urothelial Differentiation Marker) Antibody

Rabbit Monoclonal Antibody [Clone UPK1A/8704R]

Catalog No	Format	Size
11045-RBM9-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
11045-RBM9-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
11045-RBM9-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

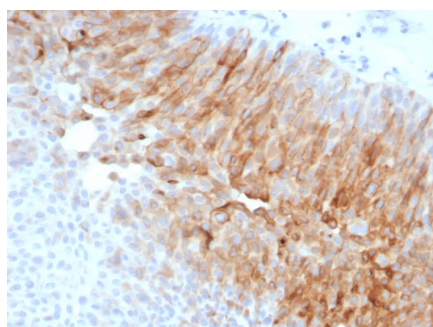
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

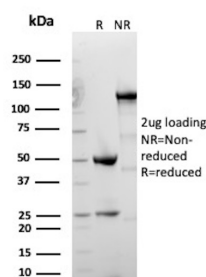
Clone	UPK1A/8704R
Immunogen	Recombinant fragment (around aa114-173) of the human Uroplakin 1A protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	28.88kDa
Cellular Localization	Membrane
Species Reactivity	Human
Positive Control	Urinary Bladder

*Optimal dilution for a specific application should be determined.

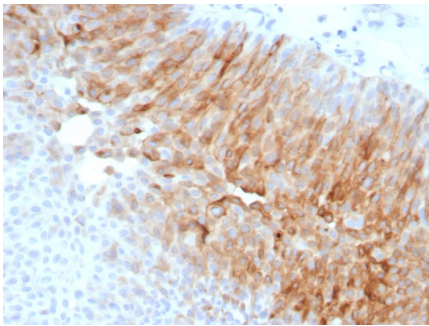
Product Images for Recombinant Uroplakin 1A (Urothelial Differentiation Marker) Antibody



Formalin-fixed, paraffin-embedded human bladder carcinoma stained with Uroplakin 1A Recombinant Rabbit Monoclonal Antibody (UPK1A/8704R). HIER: Tris/EDTA, pH9.0, 45min. 2: HRP-polymer, 30min. DAB, 5min.



SDS-PAGE Analysis of Purified Uroplakin-1a Recombinant Rabbit Monoclonal Antibody (UPK1A/8704R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human bladder carcinoma stained with Uroplakin 1A Recombinant Rabbit Monoclonal Antibody (UPK1A/8704R). HIER: Tris/EDTA, pH9.0, 45min. 2: 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 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. The protein may also play a role in tumor suppression.Â ?

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 a 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.