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Uroplakin III (AB1453) mouse mAb

W0406

Key Features

Host Species
- Mouse

Reactivity
- Human; Mouse;

Applications
- IHC; WB; IF; ELISA

MW
- kDa (calculated)
- 50-60 kDa (observed)

Isotype
- IgG1, kappa

Recommended Dilution Ratios

Application	Dilution
IHC; WB; IF; ELISA	IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions	Store at-20℃. Avoid freeze / thaw cycles.
Storage buffer	The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1453
Immunogen	A synthetic peptide corresponding to the amino acid region 200 - 287 of the human Uroplakin III protein.
Specificity	The antibody can specifically recognize human Uroplakin III protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	UPK3A
Protein Name	Uroplakin III

Database Link

Organism	Swiss Prot.	Gene ID
Human	O75631	7380

Background

Uroplakin III is an asymmetric unit of 47 kDa glycoprotein, which is expressed in the epithelial cells of renal pelvis, ureter, bladder and urinary tract. It is a marker with high specificity and moderate sensitivity for tumors derived from urinary tract epithelial cells. It can be used for the study of tumors of urethral epithelial origin.