



Mouse Anti-Human Uroplakin III monoclonal antibody, clone JID792 (CABT-L2967)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.

Specificity Human Uroplakin III

Isotype IgG

Source/Host Mouse

Species Reactivity Human

Clone JID792

Conjugate Unconjugated

Applications IHC

Reconstitution The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.

Positive Control Bladder

Format Liquid

Size Predilute: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml

Buffer Predilute: Antibody Diluent Buffer
Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction Uroplakin III is a transmembrane protein that is a differentiation product of urothelial cells. Uroplakin III is present on non-neoplastic mammalian urothelium at the luminal plasmalemma of superficial umbrella cells, producing complexes of 16nm particles. Anti-Uroplakin III is useful for recognizing metastatic carcinomas of urothelial origin, as many urothelial carcinomas stain positively, while several non-urothelial carcinomas do not react. Recent studies also suggest that Uroplakin III is an indicator of the malignant potential, rather than the grade of the tumor.

Keywords UPK3A;uroplakin 3A;UPK3, uroplakin 3;uroplakin-3a;uroplakin III;UP3A;UPK3;UPIII;UPIIIIA;MGC119178

GENE INFORMATION

Gene Name	UPK3A uroplakin 3A [Homo sapiens (human)]
Official Symbol	UPK3A
Synonyms	UPK3A; uroplakin 3A; UP3A; UPK3; UPIII; UPIIIIA; uroplakin-3a; uroplakin 3; uroplakin III;
Entrez Gene ID	7380
Protein Refseq	NP_001161046
UniProt ID	O75631
Chromosome Location	22q13.31