

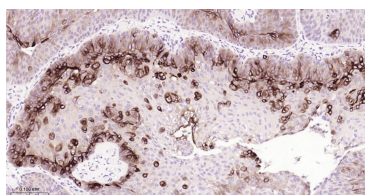
bsm-61004R**[Primary Antibody]****UPK3A Recombinant Rabbit mAb****BioSS**
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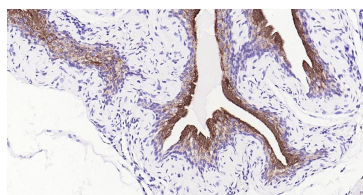
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— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 19A15**Target:** UPK3A**Immunogen:** A synthesized peptide derived from human Uroplakin 3a: 220-287/287.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS(pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.**Background:** The asymmetric unit membrane (AUM) forms numerous plaques, which cover the apical surface of the urothelium. These plaques are thought to strengthen the urothelium and reduce the risk of rupturing during ladder distention. They are composed of four major integral membrane proteins called uroplakins (UP). The uroplakin family comprises UPIa, UPIb, UPII, and UPIII. Family members are conserved among several species, including human, mouse, rat, rabbit, dog, pig and sheep. UPIa and UPIb form tightly packed structures with UPII and UPIII, respectively. This pairing is required for normal urothelial plaque formation and is regulated by proteolytic processing of the uroplakin proteins. Uroplakins are expressed in normal urothelium and are used as specific markers of urothelial differentiation. They are also expressed in a majority of transitional cell carcinomas of the bladder (TCCs), which make the uroplakins a useful marker for detecting bladder cancer metastasis and for staging and monitoring chemotherapeutic response.**Applications:** IHC-P (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse**Predicted
MW.:** 29 kDa**Subcellular
Location:** Cell membrane**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded Human Bladder; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with UPK3A Monoclonal Antibody, Unconjugated(bsm-61004R) at 1:400 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Bladder; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with UPK3A Monoclonal Antibody, Unconjugated(bsm-61004R) at 1:500 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.