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Datasheet for ABIN6168107

anti-Uroplakin 3A antibody (AA 260-279) (CF®594)

Overview

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| Quantity: | 100 µL |
| Target: | Uroplakin 3A (UPK3A) |
| Binding Specificity: | AA 260-279 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Uroplakin 3A antibody is conjugated to CF®594 |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS) |

Product Details

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| Purpose: | Polyclonal-anti-UPK3A (Uroplakin-3A) (Rabbit-PAb), CF594 Conjugate |
| Immunogen: | A synthetic peptide, aa260-279 (GASESSYTSVNRGPPLDRAE) of human UPK3A |
| Clone: | PAb |
| Isotype: | IgG |
| Characteristics: | Uroplakin-3A (UPK3A) is a component of the asymmetric unit membrane (AUM). It is a highly specialized bio-membrane made by terminally differentiated urothelial cells. The protein may play an important role in AUM-cytoskeleton interaction in terminally differentiated urothelial cells. UPK3A also contributes to the formation of urothelial glycocalyx, which may play an important role in preventing bacterial adherence through FimH bacterial protein binding leading to bladder infection. UPK3A has been shown as a helpful marker for the detection of bladder cancer. Primary antibodies are available purified, or with a selection of fluorescent CF® dyes |

Product Details

and other labels. CF® dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

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| Target: | Uroplakin 3A (UPK3A) |
| Alternative Name: | -UPK3A (Uroplakin-3A) (-) (UPK3A Products) |
| Background: | UP3a, UPIIIA, UPK3A, Uroplakin III (UPIII), Uroplakin3A |
| Molecular Weight: | ~30 kDa |
| Gene ID: | 7380, 632787 |
| UniProt: | O75631 |

Application Details

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| Application Notes: | Flow Cytometry 0.5-1 µg/million cells/0.1 mL <ul style="list-style-type: none">Immunofluorescence 1-2 µg/mLWestern blotting 0.5-1 µg/mLOptimal dilution for a specific application should be determined by user |
| Comment: | HEK293 cells or bladder carcinoma |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 100 µg/mL |
| Buffer: | PBS/0.1 % BSA/0.05 % azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Protect from light |