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Datasheet for ABIN6168105

anti-Uroplakin 3A antibody (AA 260-279) (CF®488A)

Overview

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®488A
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Polyclonal-anti-UPK3A (Uroplakin-3A) (Rabbit-PAb), CF488A 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

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

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

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