

UPK3B Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4660
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human UPK3B (AA: 30-180) expressed in E. Coli.
Mol wt	33.8kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	P35;UP3B;UPIIIB

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

UPK3B is a minor component of the apical plaques of mammalian urothelium that binds and dimerizes with uroplakin-1b (UPK1B; MIM 602380), one of the major conserved urothelium membrane proteins. The other major conserved integral membrane proteins of urothelial plaques are UPK1A (MIM 611557), UPK2 (MIM 611558), and UPK3A (MIM 611559) (Deng et al., 2002 [PubMed 12446744]).

Recommended Dilution

WB: 1:500 - 1:2000

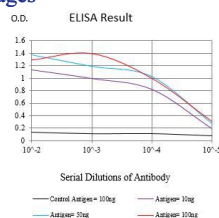
ICC: 1:50 - 1:200

FCM: 1:200 - 1:400

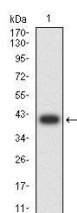
ELISA: 1:10000

Not yet tested in other applications.

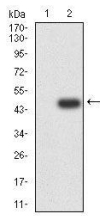
Images



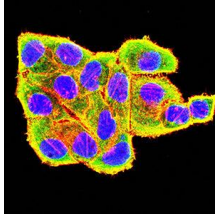
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



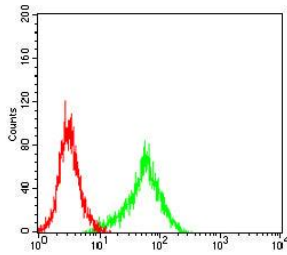
Western blot analysis using UPK3B mAb against human UPK3B (AA: 30-180) recombinant protein. (Expected MW is 41.5 kDa)



Western blot analysis using UPK3B mAb against HEK293-6e (1) and UPK3B (AA: 30-180)-hIgGFc transfected HEK293-6e (2) cell lysate.



Immunofluorescence analysis of HeLa cells using UPK3B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of THP-1 cells using UPK3B mouse mAb (green) and negative control (red).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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