BT LAB
Bioassay Technology Laboratory
Optimize Your Research

CTNNBL1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3665
Host	Mouse
Isotype	Mouse IgG2a
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human CTNNBL1 (AA: 390-557) expressed in E. Coli.
Mol wt	65kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,IHC,ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	NAP;P14L;PP8304;C20orf33;dJ633O20.1

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

Background

The protein encoded by this gene is a component of the pre-mRNA-processing factor 19-cell division cycle 5-like (PRP19-CDC5L) protein complex, which activates pre-mRNA splicing and is an integral part of the spliceosome. The encoded protein is also a nuclear localization sequence binding protein, and binds to activation-induced deaminase and is important for antibody diversification. This gene may also be associated with the development of obesity. Alternative splicing results in multiple transcript variants. A pseudogene of this gene has been defined on the X chromosome. [provided by RefSeq, Jul 2013]

Recommended Dilution

WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

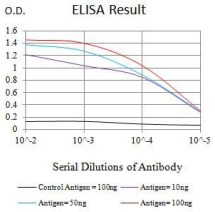
ICC: 1:50 - 1:200

FCM: 1:200 - 1:400

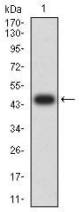
ELISA: 1:10000

Not yet tested in other applications.

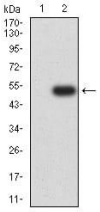
Images



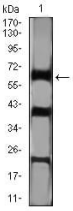
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



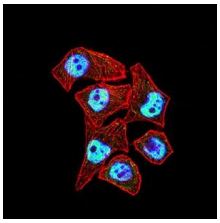
Western blot analysis using CTNNBL1 mAb against human CTNNBL1 (AA: 390-557) recombinant protein. (Expected MW is 45.8 kDa)



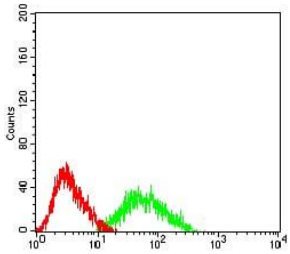
Western blot analysis using CTNNBL1 mAb against HEK293 (1) and CTNNBL1 (AA: 390-557)-hIgGFc transfected HEK293 (2) cell lysate.



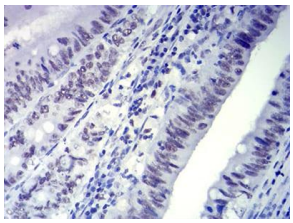
Western blot analysis using CTNNBL1 mouse mAb against Hela (1) cell lysate.



Immunofluorescence analysis of Hela cells using CTNNBL1 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 HL-60 cells using CTNNBL1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using CTNNBL1 mouse mAb with DAB staining.

Storage

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

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