

NDC80 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2967
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human NDC80 (AA: 443-642) expressed in Mammalian.
Mol wt	74kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	HEC;HEC1;TID3;KNTC2;HsHec1;hsNDC80

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

Background

This gene encodes a component of the NDC80 kinetochore complex. The encoded protein consists of an N-terminal microtubule binding domain and a C-terminal coiled-coiled domain that interacts with other components of the complex. This protein functions to organize and stabilize microtubule-kinetochore interactions and is required for proper chromosome segregation. [provided by RefSeq, Oct 2011]

Recommended Dilution

WB: 1:500 - 1:2000

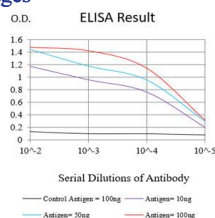
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

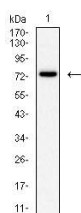
ELISA: 1:10000

Not yet tested in other applications.

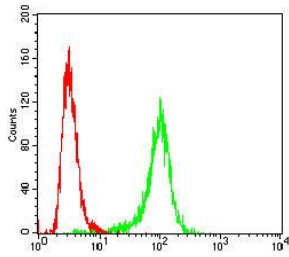
Images



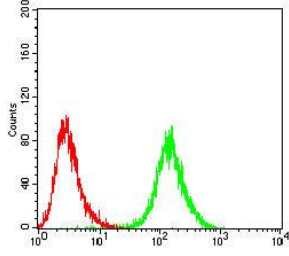
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



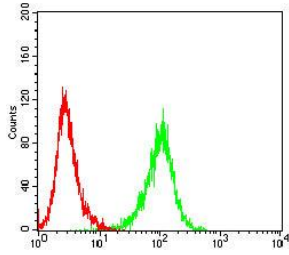
Western blot analysis using NDC80 mouse mAb against Jurkat (1) cell lysate.



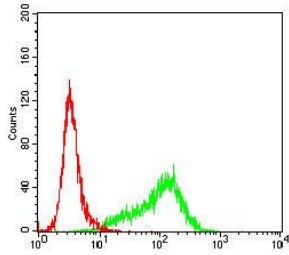
Flow cytometric analysis of HeLa cells using NDC80 mouse mAb (green) and negative control (red).



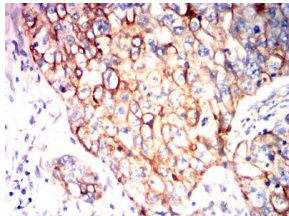
Flow cytometric analysis of HepG2 cells using NDC80 mouse mAb (green) and negative control (red).



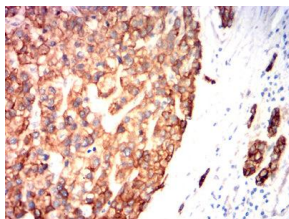
Flow cytometric analysis of Jurkat cells using NDC80 mouse mAb (green) and negative control (red).



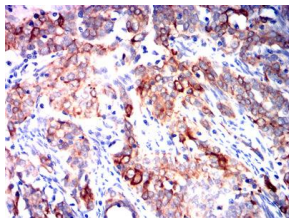
Flow cytometric analysis of K562 cells using NDC80 mouse mAb (green) and negative control (red).



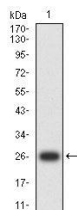
Immunohistochemical analysis of paraffin-embedded lung cancer tissues using NDC80 mouse mAb with DAB staining.



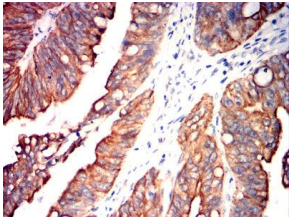
Immunohistochemical analysis of paraffin-embedded liver cancer tissues using NDC80 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded cervical carcinoma tissues using NDC80 mouse mAb with DAB staining.



Western blot analysis using NDC80 mAb against human NDC80 (AA: 443-642) recombinant protein.



Immunohistochemical analysis of paraffin-embedded rectal cancer tissues using NDC80 mouse mAb with DAB staining.

Storage

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

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com