

## NDC80 monoclonal antibody

Catalog: MB23326

Host: Mouse

Reactivity: Human

### 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

74KDa

### Swiss-Prot:

O14777

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IF:1/200 - 1/1000 FC:1/200 - 1/400

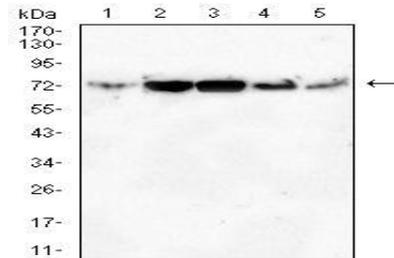
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

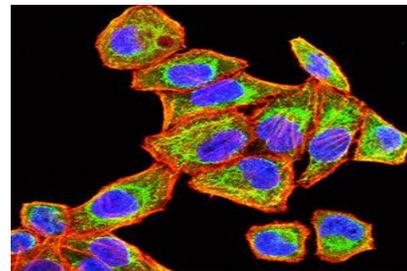
### Isotype:

Mouse IgG1

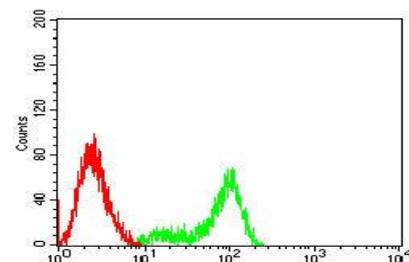
### DATA:



Western blot analysis using NDC80 mouse mAb against HeLa (1), HepG2 (2), Jurkat (3), K562 (4) and A431 (5) cell lysate.



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

### Note:

For research use only, not for use in diagnostic procedure.

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