

NDC80 monoclonal antibody

Catalog: MB23325

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 IHC:1/200 - 1/1000 IF:1/200 - 1/1000
FC:1/200 - 1/400

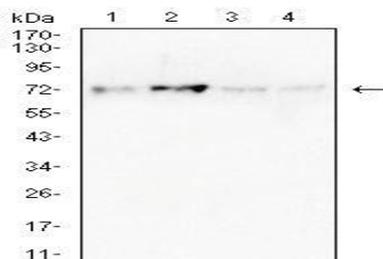
Storage&Stability:

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

Isotype:

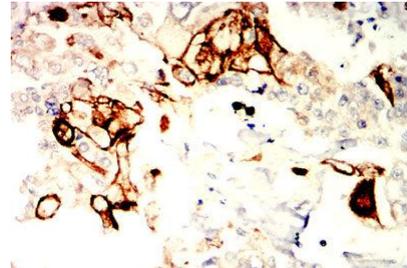
Mouse IgG2a

DATA:

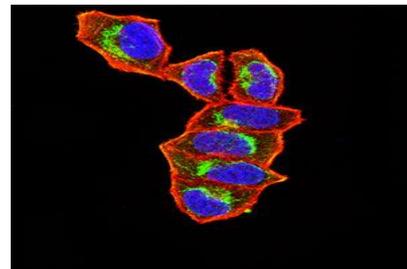


Western blot analysis using NDC80 mouse mAb against HeLa (1),

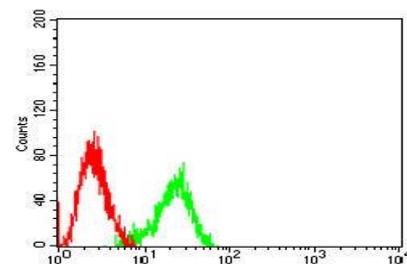
HepG2 (2), Jurkat (3) and K562 (4) cell lysate.



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



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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