

产品名称: NDC80 Mouse Monoclonal Antibody
产品货号: AMM82849



产品概述 (Summary)

产品名称 (Production Name)	NDC80 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2a
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NDC80
别名 (Alternative Names)	HEC; HEC1; TID3; KNTC2; HsHec1; hsNDC80
基因 ID (Gene ID)	10403.0
蛋白 ID (SwissProt ID)	O14777.Purified recombinant fragment of human NDC80 (AA: 443-642) expressed in mammalian cells.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	74KDa

研究背景 (Background)

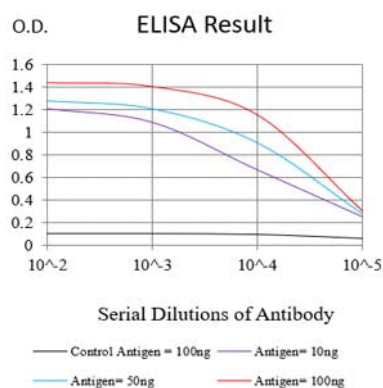
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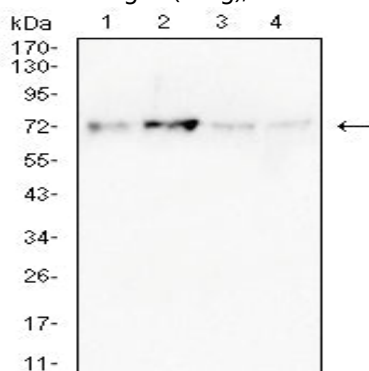
This gene encodes a component of the NDC80 kinetochore complex. The encoded protein consists of an N-terminal microtubule binding domain and a C-terminal coiled-coiled domain that interacts with other components of the complex. This protein functions to organize and stabilize microtubule-kinetochore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

研究领域 (Research Area)

图片 (Image Data)



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



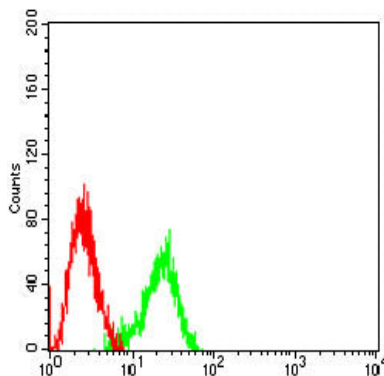
Western blot analysis using NDC80 mouse mAb against HeLa (1), HepG2 (2), Jurkat (3)and K562 (4) cell lysate.



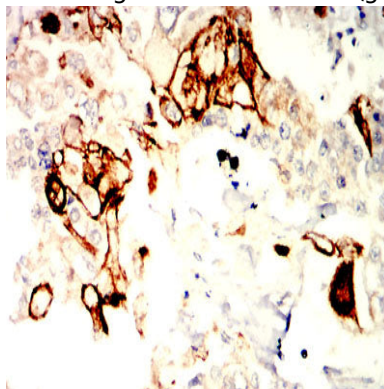
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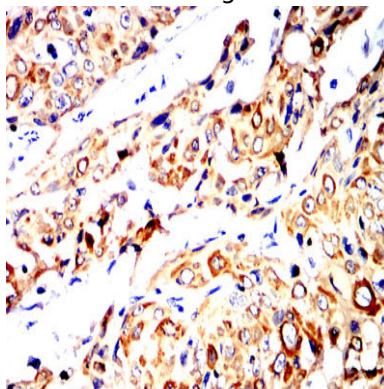
Immunofluorescence analysis of Hela cells using NDC80 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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



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



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

注意事项 (Note)

For research use only .