

产品名称: ANAPC10 Mouse Monoclonal Antibody
产品货号: AMM81795



产品概述 (Summary)

产品名称 (Production Name)	ANAPC10 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 IgG1
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)	ANAPC10
别名 (Alternative Names)	DOC1; APC10
基因 ID (Gene ID)	10393.0
蛋白 ID (SwissProt ID)	Q9UM13 .Purified recombinant fragment of human ANAPC10 (AA: 1-185) expressed in E. Coli.

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)	21.3kDa

研究背景 (Background)

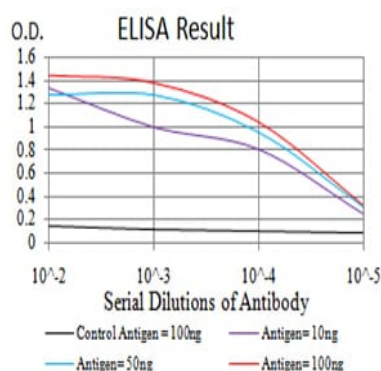
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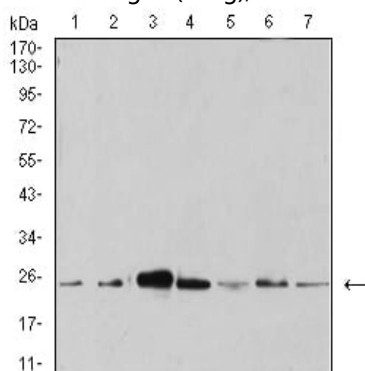
ANAPC10 is a core subunit of the anaphase-promoting complex (APC), or cyclosome, a ubiquitin protein ligase that is essential for progression through the cell cycle. APC initiates sister chromatid separation by ubiquitinating the anaphase inhibitor securin (PTTG1; MIM 604147) and triggers exit from mitosis by ubiquitinating cyclin B (CCNB1; MIM 123836), the activating subunit of cyclin-dependent kinase-1 (CDK1; MIM 116940) (summary by Wendt et al., 2001 [PubMed 11524682]).

研究领域 (Research Area)

图片 (Image Data)

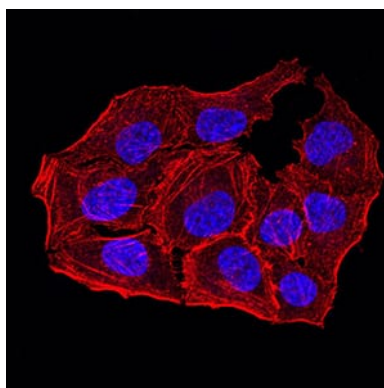


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

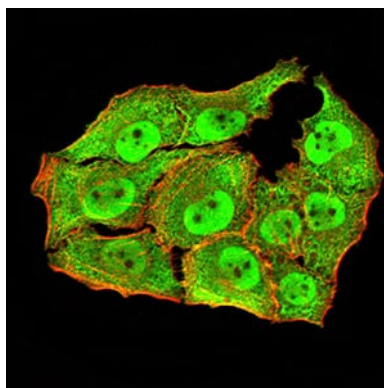


Western blot analysis using ANAPC10 mouse mAb against Hela (1), MCF-7 (2), SK-Br-3 (3), A431 (4), HEK293 (5), A549 (6), and SPC-A-1 (7) cell lysate.

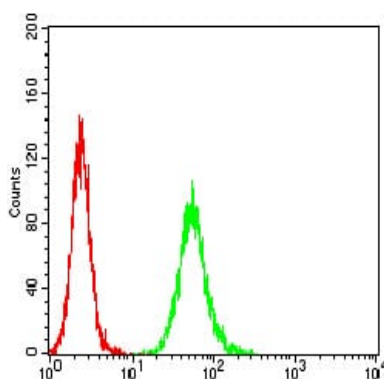
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Immunofluorescence analysis of Hela cells using ANAPC10 mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.

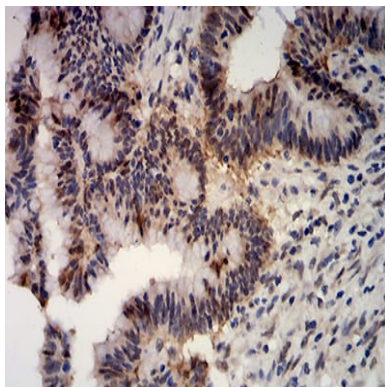


Immunofluorescence analysis of Hela cells using ANAPC10 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

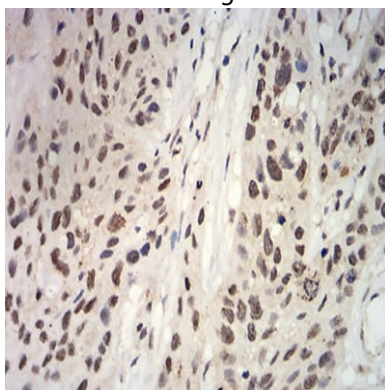


Flow cytometric analysis of Hela cells using ANAPC10 mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using ANAPC10 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using ANAPC10 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .