

产品名称: KI67 Mouse Monoclonal Antibody
产品货号: AMM80747



产品概述 (Summary)

产品名称 (Production Name)	KI67 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,ICC,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat,Rabbit,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2b
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,0.5%protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	KI67
别名 (Alternative Names)	KIA; Ki-67; MKI67
基因 ID (Gene ID)	4288.0
蛋白 ID (SwissProt ID)	P46013.Synthetic peptide corresponding to aa (CEDLAGFKELFQTPG) of human KI67, conjugated to KLH.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:500,ICC 1:50-1:500,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	358kDa

研究背景 (Background)

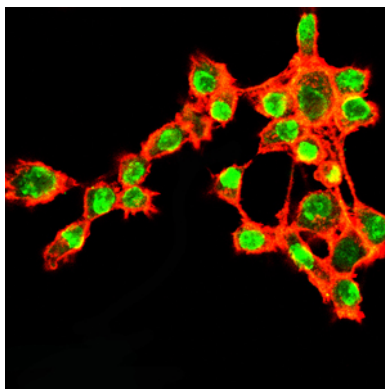
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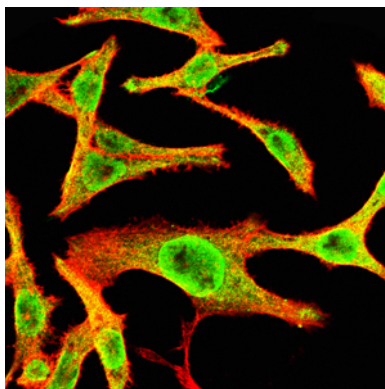
Ki67, also known as MKI67, it is the prototypic cell cycle related nuclear protein, expressed by proliferating cells in all phases of the active cell cycle (G1, S, G2 and M phase). It is absent in resting (G0) cells. Ki67 antibodies are useful in establishing the cell growing fraction in neoplasms (immunohistochemically quantified by determining the number of Ki67 positive cells among the total number of resting cells = Ki67 index). In neoplastic tissues the prognostic value is comparable to the tritiated thymidine labelling index. The correlation between low Ki67 index and histologically low grade tumours is strong. Ki67 is routinely used as a neuronal marker of cell cycling and proliferation.

研究领域 (Research Area)

图片 (Image Data)

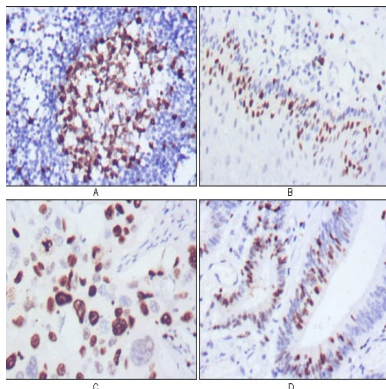


Immunofluorescence analysis of RSC-96 cells using KI67 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.

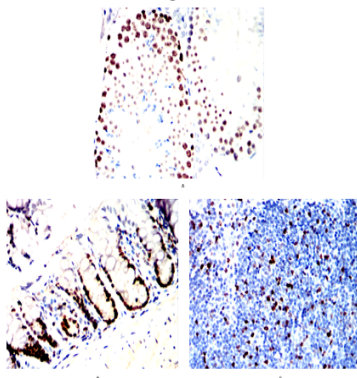


Immunofluorescence analysis of COS7 cells using KI67 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.

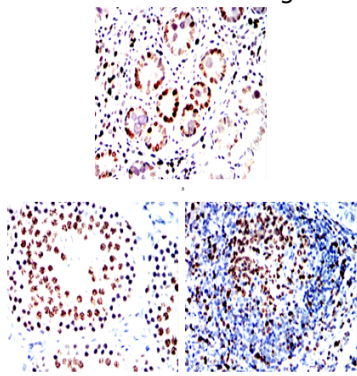
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Immunohistochemical analysis of paraffin-embedded human lymph node (A), esophagus (B), lung cancer (C), rectum cancer (D), showing nuclear localization using KI67 mouse mAb with DAB staining.

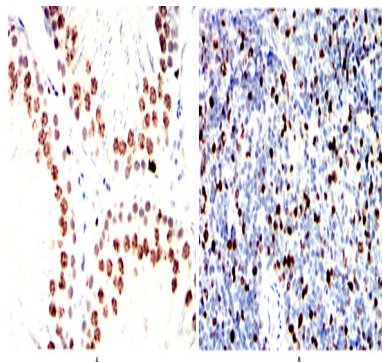


Immunohistochemical analysis of paraffin-embedded Mouse testis(A) Mouse colon(B) Mouse spleen(C) using KI67 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat brain(A) Rat kidney(B) using KI67 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded Rabbit brain(A)Rabbit kidney(B) using KI67 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .