

产品名称: TUBA4A Mouse Monoclonal Antibody
产品货号: AMM82568



产品概述 (Summary)

产品名称 (Production Name)	TUBA4A Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
种属反应性 (Reactivity)	Human, Mouse, Rat, Monkey

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)	TUBA4A
别名 (Alternative Names)	ALS22; TUBA1; H2-ALPHA;Alpha-tubulin 1;TBA4A
基因 ID (Gene ID)	7277.0
蛋白 ID (SwissProt ID)	P68366.Purified recombinant fragment of human TUBA4A (AA: (299-447)) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	50kDa

研究背景 (Background)

Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of

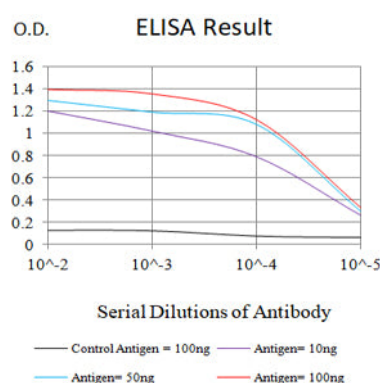
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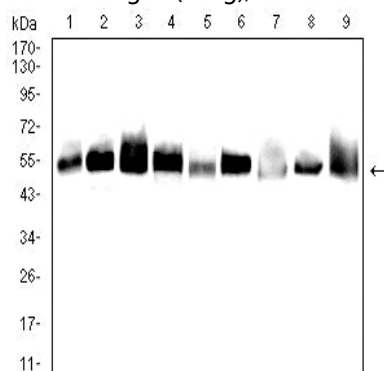
alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes and they are highly conserved among and between species. This gene encodes an alpha tubulin that is a highly conserved homolog of a rat testis-specific alpha tubulin. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2013]

研究领域 (Research Area)

图片 (Image Data)

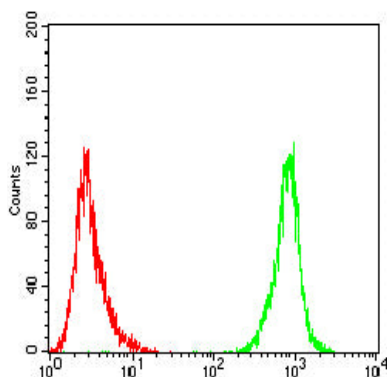


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

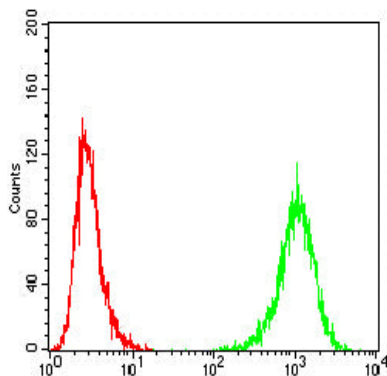


Western blot analysis using TUBA4A mouse mAb against A431 (1), HeLa (2), HepG2 (3), Jurkat (4), Cos7 (5), C6 (6), NIH3T3 (7), HEK293 (8), and HEK293-6e (9) cell lysate.

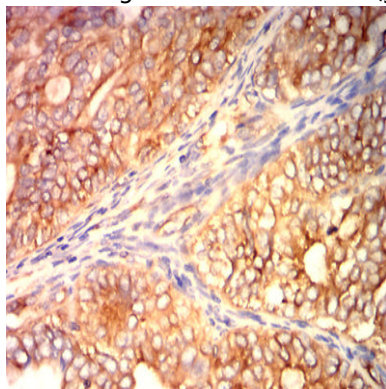
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Flow cytometric analysis of A431 cells using TUBA4A mouse mAb (green) and negative control (red).



Flow cytometric analysis of Hepg2 cells using TUBA4A mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using TUBA4A mouse mAb with DAB staining.

注意事项 (Note)

For research use only .