

产品名称: DNMT3A Mouse Monoclonal Antibody
产品货号: AMM81678



产品概述 (Summary)

产品名称 (Production Name)	DNMT3A Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,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)	DNMT3A
别名 (Alternative Names)	TBR5; DNMT3A2; M.HsaIIIA
基因 ID (Gene ID)	1788.0
蛋白 ID (SwissProt ID)	Q9Y6K1.Purified recombinant fragment of human DNMT3A (AA: 46-180) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	102kDa

研究背景 (Background)

CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-

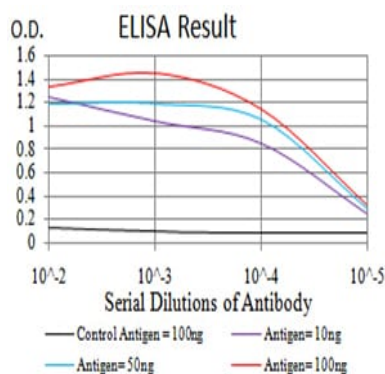
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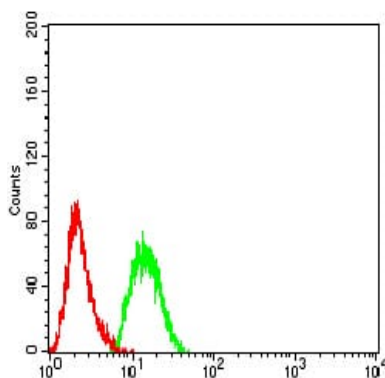
chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a DNA methyltransferase that is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes to the cytoplasm and nucleus and its expression is developmentally regulated. Alternative splicing results in multiple transcript variants encoding different isoforms.

研究领域 (Research Area)

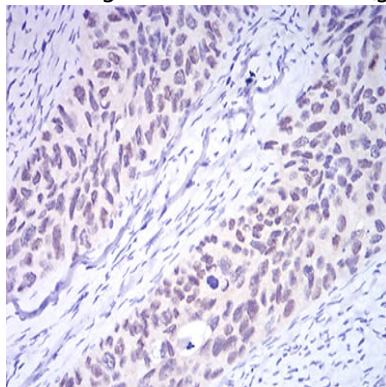
图片 (Image Data)



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



Flow cytometric analysis of Hela cells using DNMT3A mouse mAb (green) and negative control (red).



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Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using DNMT3A mouse mAb with DAB staining.

注意事项 (Note)

For research use only .