

产品名称: DNMT3B Mouse Monoclonal Antibody
产品货号: AMM81535



产品概述 (Summary)

产品名称 (Production Name)	DNMT3B Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	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)	DNMT3B
别名 (Alternative Names)	ICF; ICF1; M.HsaIIIB
基因 ID (Gene ID)	1789.0
蛋白 ID (SwissProt ID)	Q9UBC3.Purified recombinant fragment of human DNMT3B (AA: 1-150) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	95.8kDa

研究背景 (Background)

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

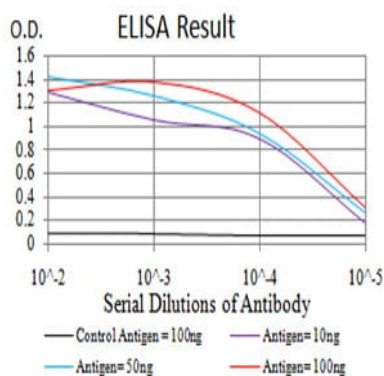
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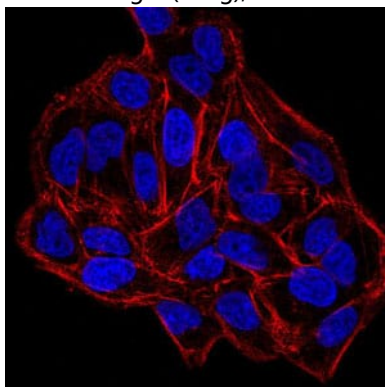
chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a DNA methyltransferase which is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes primarily to the nucleus and its expression is developmentally regulated. Mutations in this gene cause the immunodeficiency-centromeric instability-facial anomalies (ICF) syndrome. Eight alternatively spliced transcript variants have been described. The full length sequences of variants 4 and 5 have not been determined.

研究领域 (Research Area)

图片 (Image Data)

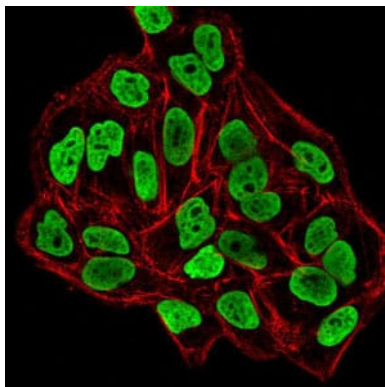


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

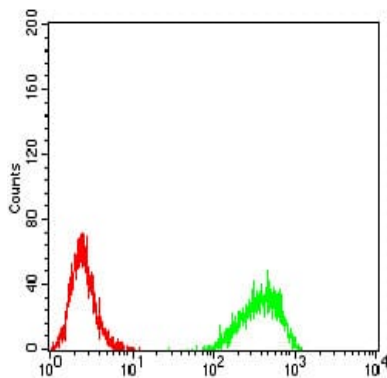


Immunofluorescence analysis of HeLa cells using DNMT3B mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.

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Immunofluorescence analysis of HeLa cells using DNMT3B 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 K562 cells using DNMT3B mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .