

产品名称: CEBPA Mouse Monoclonal Antibody
产品货号: AMM81120



产品概述 (Summary)

产品名称 (Production Name)	CEBPA 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)	CEBPA
别名 (Alternative Names)	CEBP; C/EBP-alpha
基因 ID (Gene ID)	1050.0
蛋白 ID (SwissProt ID)	P49715.Synthesized peptide of human CEBPA (AA: C-RKSRDKAKRNVETKV).

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)	42kDa

研究背景 (Background)

The protein encoded by this intronless gene is a bZIP transcription factor which can bind as a homodimer to certain

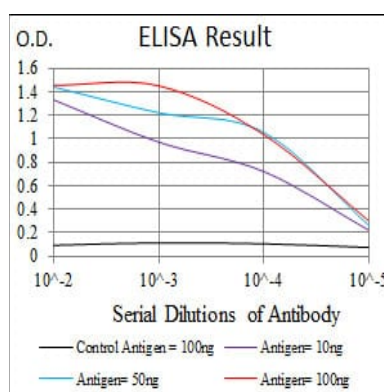
产品名称: CEBPA Mouse Monoclonal Antibody
产品货号: AMM81120



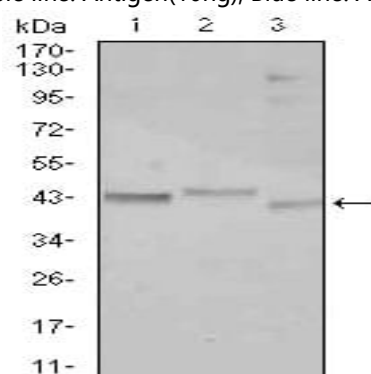
promoters and enhancers. It can also form heterodimers with the related proteins CEBP-beta and CEBP-gamma. The encoded protein has been shown to bind to the promoter and modulate the expression of the gene encoding leptin, a protein that plays an important role in body weight homeostasis. Also, the encoded protein can interact with CDK2 and CDK4, thereby inhibiting these kinases and causing growth arrest in cultured cells.

研究领域 (Research Area)

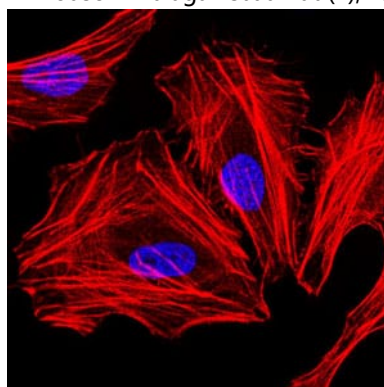
图片 (Image Data)



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



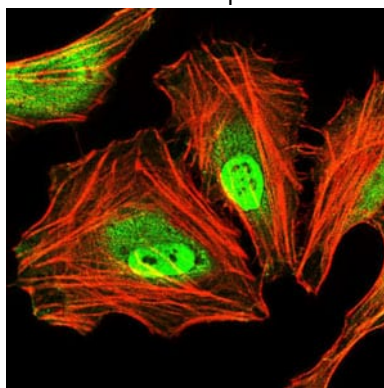
Western blot analysis using CEBPA mouse mAb against Jurkat (1), k562 (2), and HepG2 (3) cell lysate.



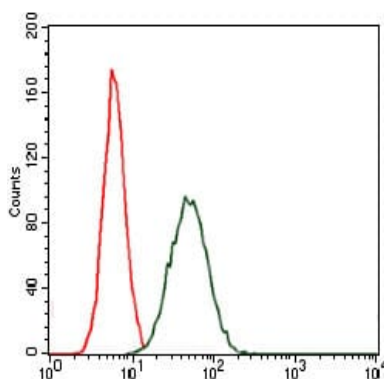
产品名称: CEBPA Mouse Monoclonal Antibody
产品货号: AMM81120



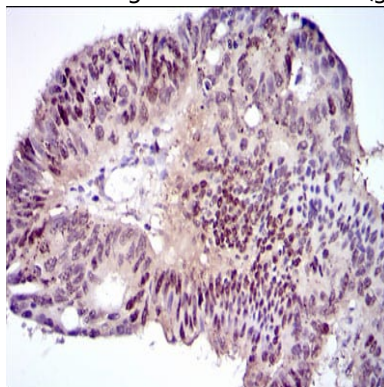
Immunofluorescence analysis of HeLa cells. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



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



Flow cytometric analysis of MCF-7 cells using CEBPA mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human rectum tissues using CEBPA mouse mAb with DAB staining.

注意事项 (Note)

For research use only .