

产品名称: BRAF Mouse Monoclonal Antibody
产品货号: AMM82703



产品概述 (Summary)

产品名称 (Production Name)	BRAF 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, Monkey

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)	BRAF
别名 (Alternative Names)	NS7; B-raf; BRAF1; RAFB1; B-RAF1
基因 ID (Gene ID)	673.0
蛋白 ID (SwissProt ID)	P15056.Purified recombinant fragment of human BRAF (AA: 299-447) expressed in HEK293-6e.

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)	84.4kda

研究背景 (Background)

This gene encodes a protein belonging to the RAF family of serine/threonine protein kinases. This protein plays a role in

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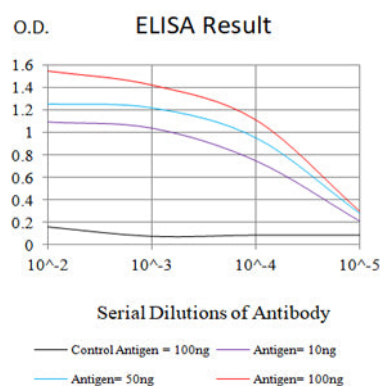


regulating the MAP kinase/ERK signaling pathway, which affects cell division, differentiation, and secretion. Mutations in this gene, most commonly the V600E mutation, are the most frequently identified cancer-causing mutations in melanoma, and have been identified in various other cancers as well, including non-Hodgkin lymphoma, colorectal cancer, thyroid carcinoma, non-small cell lung carcinoma, hairy cell leukemia and adenocarcinoma of lung. Mutations in this gene are also associated with cardiofaciocutaneous, Noonan, and Costello syndromes, which exhibit overlapping phenotypes. A pseudogene of this gene has been identified on the X chromosome. [provided by RefSeq, Aug 2017]

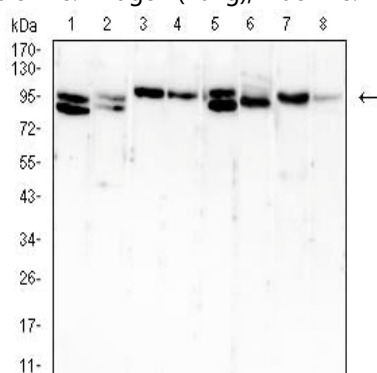
研究领域 (Research Area)

MAPK signaling pathway

图片 (Image Data)

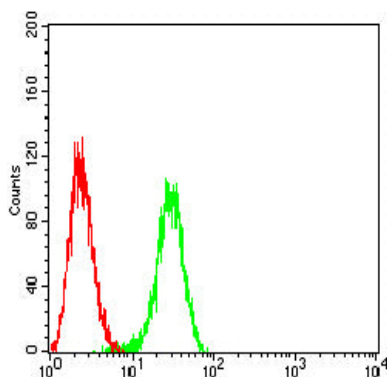


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

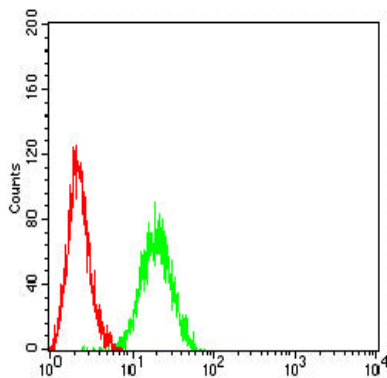


Western blot analysis using BRAF mouse mAb against Hela (1), HT-29 (2), MOLT4 (3), T47D (4), HePG2 (5), NIH/3T3 (6), PC-12 (7), and COS-7 (8) cell lysate.

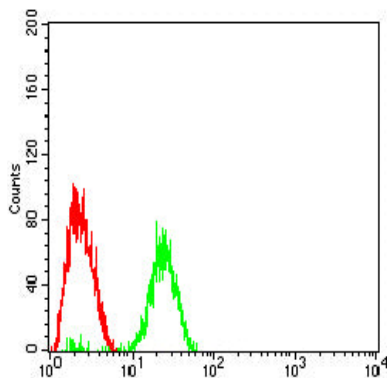
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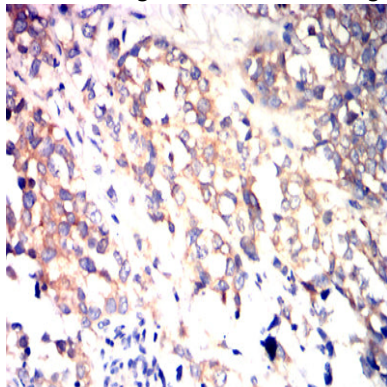
Flow cytometric analysis of BEL-7402 cells using BRAF mouse mAb (green) and negative control (red).



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



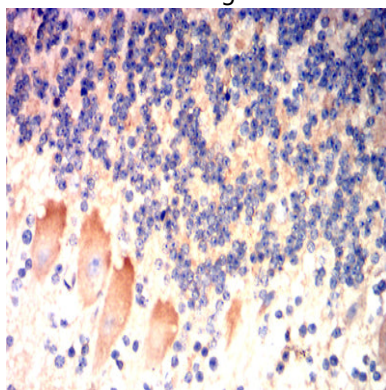
Flow cytometric analysis of HepG2 cells using BRAF mouse mAb (green) and negative control (red).



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



Immunohistochemical analysis of paraffin-embedded human cerebellar tissues using BRAF mouse mAb with DAB staining.

注意事项 (Note)

For research use only .