

产品名称: PBEF1 Mouse Monoclonal Antibody

产品货号: AMM80633

产品概述 (Summary)

描述(Description)	Mouse monoclonal Antibody
宿主(Host)	Mouse
应用(Application)	WB,IHC,ICC,ELISA,FC
种属反应(Reactivity)	Human, Rat, Mouse, Monkey, Rabbit
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	Mouse IgG1
克隆(Clonality)	Monoclonal
剂型(Form)	Liquid
保存条件(Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液(Buffer)	PBS containing 0.03% sodium azide.
纯化 (Purification)	Affinity Purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400
分子量(Molecular Weight)	55kDa

抗原信息(Antigen Information)

基因名(Gene Name)	PBEF1
别名(Alternative Names)	VF; PBEF; PBEF1; VISFATIN; NAMPT
基因 ID(Gene ID)	10135.0
SwissProt ID	P43490
免疫原(Immunogen)	Purified recombinant fragment of PBEF1 (aa338-479) expressed in E. Coli.

研究背景 (Background)

PBEF1: nicotinamide phosphoribosyltransferase. This gene encodes a protein that catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, one step in the biosynthesis of nicotinamide adenine dinucleotide. The protein is an adipokine that is localized to the bloodstream and has various functions, including the promotion of vascular smooth muscle cell maturation and inhibition of neutrophil apoptosis. It also activates insulin receptor

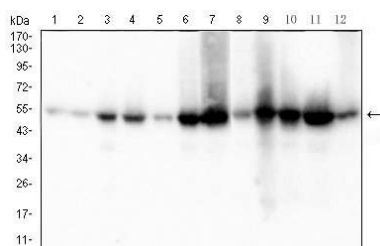
and has insulin-mimetic effects, lowering blood glucose and improving insulin sensitivity. The protein is highly expressed in visceral fat and serum levels of the protein correlate with obesity.

研究领域 (Research Area)

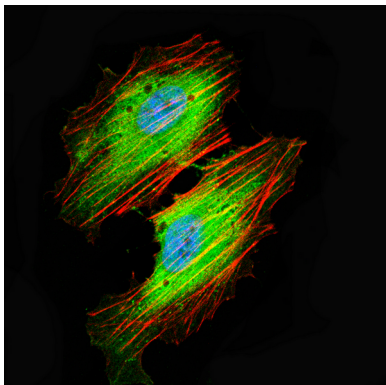
注意事项 (Note)

For research use only.

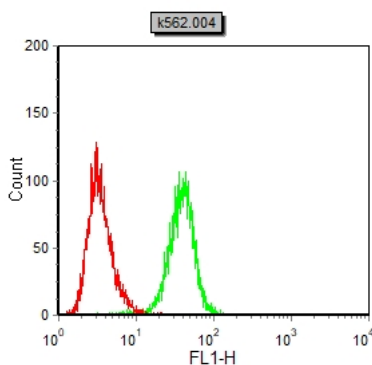
图片 (Image Data)



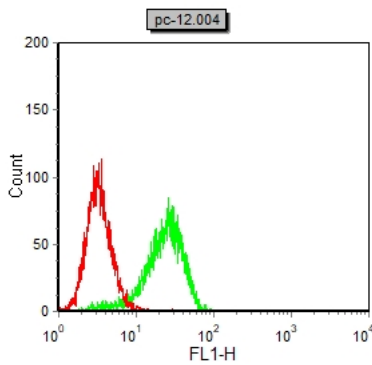
Western blot analysis using LAL mouse mAb against C6 (1), C2C12 (2), COS-7 (3), PC-12 (4), NIH/3T3 (5), Raw264.7 (6), F9 (7), mouse brain (8), mouse liver (9), mouse kidney (10), K562 (11), and HT1080 (12) cell lysate.



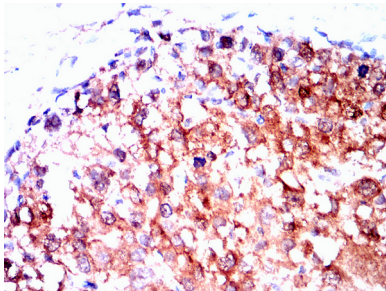
Immunofluorescence analysis of HeLa cells using Visfatin(PBEF) mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



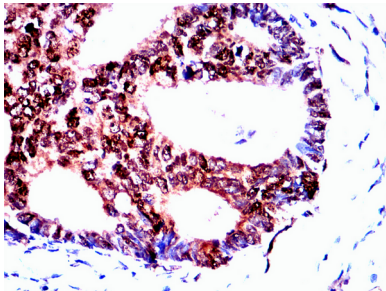
Flow cytometric analysis of K562 cells using Visfatin(PBEF) mouse mAb (green) and negative control (red).



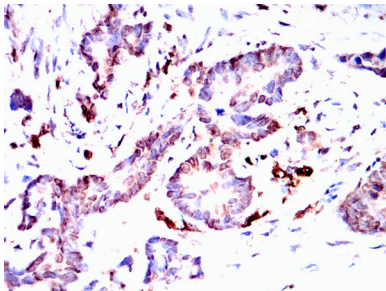
Flow cytometric analysis of PC-12 cells using Visfatin(PBEF) mouse mAb (green) and negative control (red).



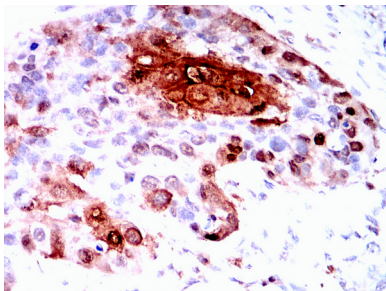
Immunohistochemical analysis of paraffin-embedded liver cancer tissues using Visfatin(PBEF) mouse mAb with DAB staining.



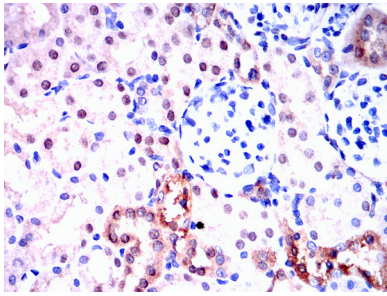
Immunohistochemical analysis of paraffin-embedded colon cancer tissues using Visfatin(PBEF) mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using Visfatin(PBEF) mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using Visfatin(PBEF) mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rat kidney tissues using Visfatin(PBEF) mouse mAb with DAB staining.

EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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