

产品名称: CD44 Mouse Monoclonal Antibody

产品货号: AMM80695

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,Mouse,Rat,Monkey
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)	Purified antibody in PBS with 0.05% sodium azide.
纯化 (Purification)	Affinity Purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:1000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
分子量(Molecular Weight)	82kDa

抗原信息(Antigen Information)

基因名(Gene Name)	CD44
别名(Alternative Names)	IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CDW44; CSPG8; HCELL
基因 ID(Gene ID)	960.0
SwissProt ID	P16070
免疫原(Immunogen)	Purified recombinant fragment of human CD44 (628-699) expressed in E. Coli.

研究背景 (Background)

CD44, also known as IN, LHRMIC4, CDW44, HCELL. It is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands, such as osteopontin, collagens, and matrix metalloproteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. Transcripts for this gene undergo

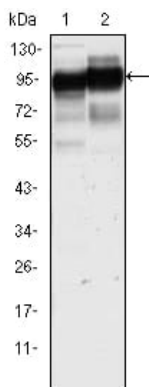
complex alternative splicing that results in many functionally distinct isoforms, however, the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis.

研究领域 (Research Area)

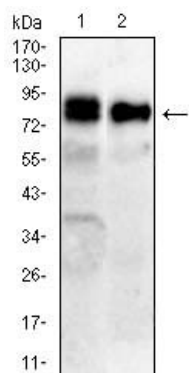
注意事项 (Note)

For research use only.

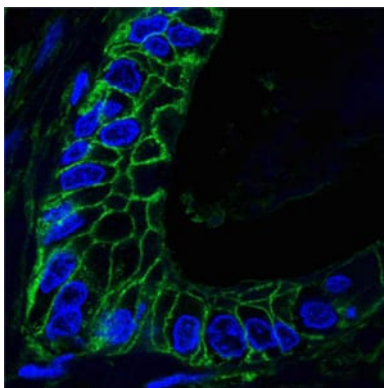
图片 (Image Data)



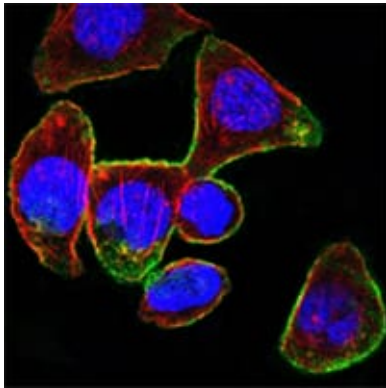
Western blot analysis using CD44 mouse mAb against Hela (1) and HUVE-12(2) cell lysate.



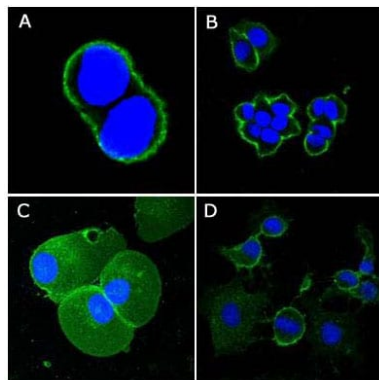
Western blot analysis using CD44 mouse mAb against COS7(1),C6(2) cell lysate.



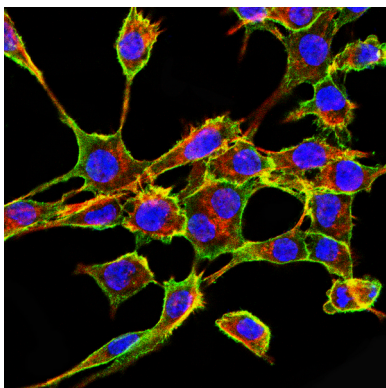
Confocal analysis of paraffin-embedded human lung cancer tissues using CD44 mouse mAb (green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.



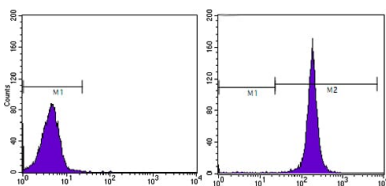
Confocal Immunofluorescence analysis of PANC-1 cells using CD44 mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



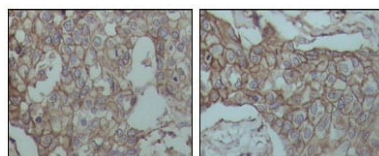
Confocal Immunofluorescence analysis of methanol-fixed A431 (A), HeLa (B), PANC-1 (C) and EC (D) cells using CD44 mouse mAb (green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.



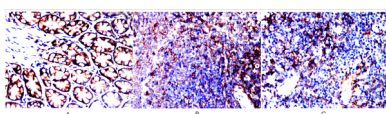
Immunofluorescence analysis of RSC-96 cells using CD44 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HeLa cells using CD44 mouse mAb (right) and negative control (left).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissues, showing membrane localization with DAB staining using CD44 mouse mAb.



Immunohistochemical analysis of paraffin-embedded Rat colon(A) Rat spleen(B) Rat thymus(C) using CD44 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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