

产品名称: MUC16 Mouse Monoclonal Antibody

产品货号: AMM22046

产品概述 (Summary)

描述(Description)	Mouse Monoclonal Antibody
宿主(Host)	Mouse
应用(Application)	IHC,IF,ELISA
种属反应(Reactivity)	Human
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG1,Kappa
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, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
纯化 (Purification)	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

产品应用(Application)

稀释比(Dilution Ratio)	IHC 1:50-100;IF 1:50-100;ELISA 1:500-5000
分子量(Molecular Weight)	Calculated MW:1519kDa

抗原信息(Antigen Information)

基因名(Gene Name)	MUC16 CA125
别名(Alternative Names)	
基因 ID(Gene ID)	Human:94025
SwissProt ID	Human:Q8WXI7
免疫原(Immunogen)	Synthesized peptide derived from human CA 125 AA range: External domain of the CA-125 molecule

研究背景 (Background)

domain:Composed of three domains, a Ser-, Thr-rich N-terminal domain, a repeated domain containing more than 60 partially conserved tandem repeats of 156 amino acids each (AAs 12061-21862) and a C-terminal transmembrane domain with

a short cytoplasmic tail.,function:Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces.,induction:Up-regulated in ovarian cancer cells.,miscellaneous:Antigen that is the basis for a widely used serum assay for the monitoring of patients with ovarian epithelial cancer. Due to lack of sensitivity for stage I disease and lack of specificity, it is of little value in the detection of early ovarian cancer. Due to its similarly elevated levels in some nonmalignant conditions, it is not specific enough to be used for population screening.,polymorphism:The number of repeats is highly polymorphic.,PTM:Heavily N-glycosylated; expresses primarily high mannose and complex bisecting type N-linked glycans.,PTM:Heavily O-glycosylated; expresses both type 1 and type 2 core glycans.,PTM:May be phosphorylated. Phosphorylation of the intracellular C-terminal domain may induce proteolytic cleavage and the liberation of the extracellular domain into the extracellular space.,PTM:May contain numerous disulfide bridges. Association of several molecules of the secreted form may occur through interchain disulfide bridges providing an extraordinarily large gel-like matrix in the extracellular space or in the lumen of secretory ducts.,similarity:Contains 14 LRR (leucine-rich) repeats.,similarity:Contains 2 ANK repeats.,similarity:Contains 56 SEA domains.,subcellular location:May be liberated into the extracellular space following the phosphorylation of the intracellular C-terminus which induces the proteolytic cleavage and liberation of the extracellular domain.,subunit:Binds to MSLN. Binding to MSLN mediates heterotypic cell adhesion. This may contribute to the metastasis of ovarian cancer to the peritoneum by initiating cell attachment to the mesothelial epithelium via binding to MSLN.,tissue specificity:Expressed in corneal and conjunctival epithelia (at protein level). Overexpressed in ovarian carcinomas and ovarian low malignant potential (LMP) tumors as compared to the expression in normal ovarian tissue and ovarian adenomas.,

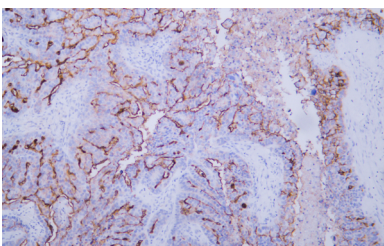
研究领域 (Research Area)

Pathology

注意事项 (Note)

For research use only.

图片 (Image Data)



Human ovarian serous adenocarcinoma tissue was stained with anti-CA-125 antibody.

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

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>