

产品名称: SPAM1 Rabbit Monoclonal Antibody
产品货号: AMRe21199



产品概述 (Summary)

产品名称 (Production Name)	SPAM1 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
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)	IgG,Kappa
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)	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein
纯化方式 (Purification)	Protein A

免疫原信息 (Immunogen)

基因名 (Gene Name)	SPAM1;HYAL3;PH20
别名 (Alternative Names)	SPAM1;HYAL3;PH20;Hyaluronidase PH-20 ;Hyal-PH20;Hyaluronoglucosaminidase PH-20;Sperm adhesion molecule 1;Sperm surface protein PH-20;
基因 ID (Gene ID)	6677.0
蛋白 ID (SwissProt ID)	P38567.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:100-1:300
蛋白分子量 (Molecular Weight)	Calculated MW::Observed MW:56kD

研究背景 (Background)

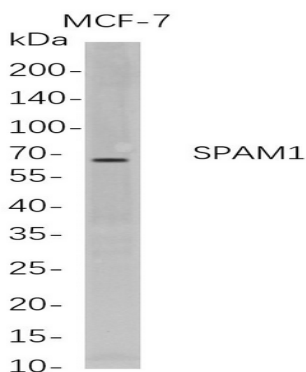
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Cell localization: Cell membrane; Lipid-anchor, GPI-anchor. Hyaluronidase degrades hyaluronic acid, a major structural proteoglycan found in extracellular matrices and basement membranes. Six members of the hyaluronidase family are clustered into two tightly linked groups on chromosome 3p21.3 and 7q31.3. This gene was previously referred to as HYAL1 and HYA1 and has since been assigned the official symbol SPAM1; another family member on chromosome 3p21.3 has been assigned HYAL1. This gene encodes a GPI-anchored enzyme located on the human sperm surface and inner acrosomal membrane. This multifunctional protein is a hyaluronidase that enables sperm to penetrate through the hyaluronic acid-rich cumulus cell layer surrounding the oocyte, a receptor that plays a role in hyaluronic acid induced cell signaling, and a receptor that is involved in sperm-zona pellucida adhesion. Abnormal expression of this gene in tumors has implicated this protein in degradation of basement membranes leading to tumor invasion and metastasis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]

研究领域 (Research Area)

图片 (Image Data)



Western Blot analysis of MCF-7 whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-SPAM1 rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

注意事项 (Note)

For research use only .