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SPAM1 Rabbit mAb

货号: AAY1202

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	**WB:** 1:1000-5000 **IHC:** 1:100-300
理论分子量	
实测分子量	56kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.204.
偶联物	Unconjugated
阳性对照	Mouse testis,Rat testis
细胞定位	Cell membrane
纯化	亲和纯化

抗原信息

抗原信息	

靶点信息

研究背景	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.
基因ID	6677
基因名	SPAM1;HYAL3;PH20
Swiss	P38567 (https://www.uniprot.org/uniprotkb/P38567/entry)
别名	SPAM1,HYAL3,PH20,Hyaluronidase PH-20,Hyal-PH20,Hyaluronoglucosaminidase PH-20,Sperm adhesion molecule 1,Sperm surface protein PH-20,Sperm surface pro

产品验证

实验步骤

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