

Recombinant

DGRmAb®

## SPAM1 (DGR20702) Rabbit mAb

db12782

Package : 10µL 20µL 50µL 100µL

**Product Name :** SPAM1 (DGR20702) Rabbit mAb**Cat.No.:** db12782**Synonyms :** HYA1; PH20; HYAL1; HYAL3; HYAL5; PH-20; SPAG15; HEL-S-96n**Application :** WB, IHC-P**Reactivity :** Human**Host species :** Rabbit**Background**

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]

**Immunogen**

Recombinant protein of human SPAM1

**Gene ID**

6677

**Swiss Prot**

P38567

**Synonyms**

HYA1; PH20; HYAL1; HYAL3; HYAL5; PH-20; SPAG15; HEL-S-96n

**Reactivity**

Human

**Application**

WB, IHC-P

**Recommended dilution**WB: 1:1000  
IHC-P: 1:100-1:200**Calculated MW**

58 kDa

**Observed MW**

58 kDa

**Host species**

Rabbit

Clonality	Monoclonal
Clonality No.	DGR20702
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.