G-Biosciences Image not found or type unknown

Immunotag™ SPAM1 Antibody

Antibody Specification

Catalog No.	ITA6921
Product Description	Immunotag™ SPAM1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SPAM1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SPAM1
Specificity	SPAM1 Antibody detects endogenous levels of total SPAM1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SPAM1
Accession No.	P38567
Alternate Names	epididymis secretory sperm binding protein Li 96n; HEL-S-96n; HYA1; HYAL PH-20; HYAL PH20; Hyal-PH20; HYAL1; HYAL3; HYAL5; HYALP_HUMAN; Hyaluronidase PH-20; Hyaluronoglucosaminidase PH-20; MGC26532; PH-20 Hyaluronidase; PH20; PH20 Hyaluronidase; SPAG15; SPAM-1; Spam1; sperm adhesion molecule 1 (PH-20 hyaluronidase, zona pellucida binding); Sperm adhesion molecule 1; Sperm surface protein PH-20; Sperm surface protein PH20; zona pellucida binding;

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Description	Involved in sperm-egg adhesion. Upon fertilization sperm must first penetrate a layer of cumulus cells that surrounds the egg before reaching the zona pellucida. The cumulus cells are embedded in a matrix containing hyaluronic acid which is formed prior to ovulation. This protein aids in penetrating the layer of cumulus cells by digesting hyaluronic acid.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	58kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.