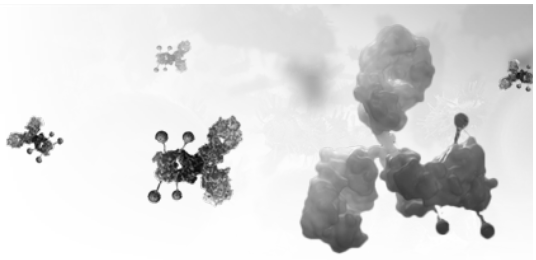

Anti-SPINT1 monoclonal antibody, clone 270539 [Biotin] (DCABY-4329)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	HAI-1 is a Kunitz-type serine protease inhibitor, identified as a strong inhibitor of HGF activator (HGFA) and matriptase. The membrane-anchored HAI-1 consists of two Kunitz domains, a LDL-receptor-like domain, and a C-terminal transmembrane domain. Two soluble forms are generated by ectodomain shedding, one with a single Kunitz domain and the other with two Kunitz domains. HAI-1 is not only an inhibitor but also a specific receptor of active HGFA, acting as a reservoir of this enzyme on the cell surface.
Specificity	Detects human HAI-1 In ELISAs. In sandwich immunoassays, no cross-reactivity with recombinant mouseHAI-1, recombinant human (rh)TFPI, rhTFPI-2, rhAPP, rhHAI-2A, rhGASP-1, or rhGASP-2 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human HAI-1. Pro37-Val449 Accession Number O43278
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	270539
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Biotin
Applications	ELISA Detection (Matched Pair)
Format	Liquid
Size	250 µg

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Buffer	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	SPINT1 serine peptidase inhibitor, Kunitz type 1 [Homo sapiens (human)]
Official Symbol	SPINT1
Synonyms	SPINT1; serine peptidase inhibitor, Kunitz type 1; HAI; HAI1; MANSC2; kunitz-type protease inhibitor 1; HAI-1; serine protease inhibitor, Kunitz type 1; hepatocyte growth factor activator inhibitor type 1;
Entrez Gene ID	6692
Protein Refseq	NP_001027539
UniProt ID	O43278
Chromosome Location	15q15.1
Pathway	Transcriptional misregulation in cancer;
Function	serine-type endopeptidase inhibitor activity;

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