



Magic™ Anti-SERPINC1 monoclonal antibody, clone N92770C [Biotin] (DCABY-4345)

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

PRODUCT INFORMATION

Antigen Description	Antithrombin III is an anticlotting substance occurring in the plasma of blood that functions primarily to block the action of thrombin, an enzyme central to coagulation—the process by which a clot is formed. AT combines with thrombin as well as most of the other activated blood-clotting proteins (e.g., factors Xa and IXa) to form inert complexes. This action is greatly enhanced by the presence of heparin, a substance formed by mast cells of the connective tissue.
Immunogen	Antithrombin III antibody was raised in Mouse using Antithrombin III isolated from human plasma as the immunogen
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	N92770C
Purification	Antithrombin III antibody was purified by protein-A chromatography
Conjugate	Biotin
Applications	ELISA Pr* Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4645 - DCABY-4345
Format	Liquid
Size	100 µg
Buffer	Supplied in liquid form in 0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide

Preservative	15mM Sodium Azide
Storage	Store at 4-8 °C, avoid exposure to light

GENE INFORMATION

Gene Name	SERPINC1 serpin peptidase inhibitor, clade C, member 1 [Homo sapiens]
Official Symbol	SERPINC1
Synonyms	SERPINC1; serpin peptidase inhibitor, clade C, member 1; AT3; AT3D; ATIII; THPH7; antithrombin-III; serine proteinase inhibitor, clade C, member 1;
Entrez Gene ID	462
Protein Refseq	NP_000479
UniProt ID	A0A024R944
Chromosome Location	1q25.1
Pathway	Common Pathway; Complement and Coagulation Cascades; Complement and coagulation cascades; Formation of Fibrin Clot; Glypican 1 network; Hemostasis;
Function	heparin binding; protease binding; protein binding; serine-type endopeptidase inhibitor activity;