



Anti-SERPINC1 monoclonal antibody, clone 9E6 (DCABH-539)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Antithrombin III
Antigen Description	Most important serine protease inhibitor in plasma that regulates the blood coagulation cascade. AT-III inhibits thrombin as well as factors IXa, Xa and XIa. Its inhibitory activity is greatly enhanced in the presence of heparin.
Immunogen	Full length recombinant Human Antithrombin III (NP_000479) produced in HEK293T cells.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	9E6
Purification	Purified from mouse ascite fluid by affinity chromatography
Conjugate	Unconjugated
Applications	Flow Cyt, WB
Positive Control	HEK293T transfected cells
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 1% BSA, 50% Glycerol, 48% PBS
Preservative	0.02% Sodium Azide

Storage

Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	SERPINC1 serpin peptidase inhibitor, clade C (antithrombin), member 1 [Homo sapiens]
Official Symbol	SERPINC1
Synonyms	SERPINC1; serpin peptidase inhibitor, clade C (antithrombin), member 1; AT3, serine (or cysteine) proteinase inhibitor, clade C (antithrombin), member 1; antithrombin-III; antithrombin (aa 375 432); antithrombin III; ATIII; coding sequence signal peptide
Entrez Gene ID	462
Protein Refseq	NP_000479
UniProt ID	A0A024R944
Chromosome Location	1q23-q25.1
Pathway	Common Pathway, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; Glypican 1 network, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	heparin binding; peptidase inhibitor activity; protease binding; protein binding; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;