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PRODUCT DATASHEET

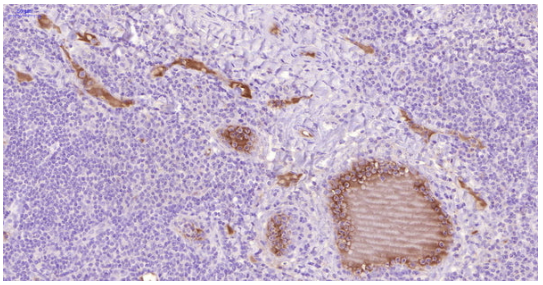
Anti-TAT (Thrombin-antithrombin) Antibody

Product Details

Available Variants	100 uL (SKU:ABS 014-22-010) 400 uL (SKU:ABS 014-22-04) 1000 uL (SKU:ABS 014-22-1)
Conjugate	Unconjugated
Isotype	IgG1/k
Clone	22
Gene Name	F2, SERPINC1
Host Species	Mouse
Concentration	1 mg/mL ±15%
Format	Protein A or Protein G purified
Physical State	Liquid
Buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide
Production Notes	BSA free
Applications	ELISA, IHC
Dilution Ranges	IHC: 1:30
Species Reactivity	Human
Immunogen	Thrombin-antithrombin (TAT) complexes
Specificity	ABS 014-22 is specific for human Thrombin-antithrombin (TAT) complexes.
Molecular Weight	95 kDa
Storage	2-8°C without exposure to light
UniProt ID	P00734, P01008 UniProt Summary: Thrombin, which cleaves bonds after Arg and Lys, converts fibrinogen to fibrin and activates factors V, VII, VIII, XIII, and, in complex with thrombomodulin, protein C. Functions in blood homeostasis, inflammation and

	wound healing. Activates coagulation factor XI (F11); activation is promoted by the contact with negatively charged surfaces (PubMed:2019570, PubMed:21976677). Triggers the production of pro-inflammatory cytokines, such as MCP-1/CCL2 and IL8/CXCL8, in endothelial cells (PubMed:30568593, PubMed:9780208). {ECO:0000269|PubMed:2019570, ECO:0000269|PubMed:21976677, ECO:0000269|PubMed:2856554, ECO:0000269|PubMed:30568593, ECO:0000269|PubMed:9780208}.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	2147

Product Images



Immunohistochemistry detection of TAT (Thrombin-antithrombin) in human tonsil tissue using Anti-TAT (Thrombin-antithrombin) Antibody (Cat.ABS 014-22-010). Tissue was mounted and pariffin fixed. Heat induced antigen retrieval was performed using citrate buffer, heated, and then blocked. After washing, the primary antibody (Cat.ABS 014-22-010) was incubated with the sample at a dilution of 1:30. Moderate staining intensity of the plasma of the veins.