

## Anti-TAT (Thrombin-antithrombin)

CAT. NO. ABS 014-22

### OVERVIEW

<b>Product Name</b>	Anti-TAT (Thrombin-antithrombin)	<b>Conjugation</b>	Unconjugated
<b>Description</b>	Mouse monoclonal antibody	<b>Host</b>	Mouse
<b>Isotype</b>	IgG1/k	<b>Clone</b>	22
<b>Tested Applications</b>	ELISA, IHC		

### SPECIFICITY

<b>Specificity</b>	ABS 014-22 is specific for human Thrombin-antithrombin (TAT) complexes.		
<b>Immunogen</b>	Thrombin-antithrombin (TAT) complexes	<b>Gene ID</b>	2147
<b>Target</b>	Thrombin (Factor IIa) is an enzyme, a serine protease, which participates in blood clotting. It is formed when prothrombin (Factor II) is proteolytically cleaved to form thrombin, which is glycoprotein formed by two peptides chains of 36 and 259 amino acids. Thrombin converts soluble fibrinogen into insoluble strands of fibrin and is then neutralized by antithrombin in order to form a thrombin-antithrombin (TAT) complex.		
<b>Species Reactivity</b> POSITIVE	Human	<b>Species Reactivity</b> NEGATIVE	Not determined

### PROPERTIES

<b>Form</b>	Liquid	<b>Unit Size</b>	0,4 mL and 1 mL
<b>Concentration</b>	1 mg/mL $\pm$ 15%, See CoA for lot details		
<b>Purification</b>	Protein A or Protein G purified	<b>Purification Notes</b>	BSA free
<b>Storage buffer</b>	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide		
<b>Storage condition</b>	2-8°C without exposure to light		
<b>Safety</b>	Wear protective clothing		

### TESTED APPLICATIONS

<b>ELISA</b>	ABS 014-22 has been used in ELISA with direct coating
<b>IHC</b>	ABS 014-22 was used in IHC on human tonsil tissue.

### SCIENTIFIC REFERENCES

N/A

#### CONDITIONS

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