

**Anti-TAT (Thrombin-Antithrombin) complexes****Mouse monoclonal antibody**

Subclass: IgG1/k

Clone: 22

CAT. NO.

**ABS 014-22**

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SPECIFICITY	ABS 014-22 is specific for human Thrombin-antithrombin (TAT) complexes
IMMUNOGEN	Thrombin-antithrombin (TAT) complexes
TESTED APPLICATIONS	ELISA, IHC
SPECIES REACTIVITY (POSITIVE)	Human
SPECIES REACTIVITY (NEGATIVE)	Not determined
EPITOPE SPECIFICITY	Not determined

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## PRESENTATION

Content:	Available in 400 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation:	Protein-A purified
Form:	Liquid
Solvent:	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
Storage:	4-8°C without exposure to light. No precautions necessary during handling.

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## APPLICATION

**ELISA:** In a sandwich ELISA setup, ABS 014-222 acts as a capture antibody in combination with HYB 230-01B as the detection antibody to measure Thrombin-Antithrombin (TAT) complexes.

**IHC:** ABS 014-22 was used in IHC on human tonsil tissue.

## TARGET

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.

## REFERENCES

## CONDITIONS

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