

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

Subclass: IgG1/k

Clone: 22

CAT. NO.

ABS 014-22

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

PRESENTATION**Content:** Available in 200 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.

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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