
Antithrombin III (4B3) Antibody**Subcategory:** Mouse Monoclonal Antibody**Cat. No.:** 250394**Unit:** 0.2 mg**Description:**

Antithrombin III (AT III) is a single chain glycoprotein of molecular mass 58 kDa with four glycosylation sites and three intra-molecular disulfide bonds. AT III is normally present in human plasma at a concentration of approx. 12.5 mg/dl. It is the major inhibitor of thrombin. Inactivation of thrombin by AT-III occurs by formation of a covalent bond resulting in an inactive 1:1 stoichiometric complex between the two components. This antibody is specific for human denatured AT III.

Isotype: Mouse IgG1/k**Applications:** E, WB**Species Reactivity:** H

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Antithrombin-III; ATIII; SERPINC1; AT3**Accession No.:** P01008**Antigen:** Antithrombin III isolated from human plasma (1)

Application Notes: Product Cat. No. 250394 reacts strongly in ELISA with denatured AT III directly coated onto the microtiter well. Product Cat. No. 250394 reacts in western blot with AT III in both reduced and non-reduced forms. E: 1:25,000; WB: 1:1,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.