
Antithrombin III (1B7) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250395

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 the native form of human AT III.

Isotype: Mouse IgG1

Applications: E

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

Application Notes: Product Cat. No. 250395 reacts strongly in ELISA with antithrombin directly coated onto the microtiter well, or in sandwich ELISA as detection antibody for AAT complexes. E: 1:20,000

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.