

Monoclonal Antibody to Human Antitrypsin Alpha-1 (AAT)

Alternate names:	A1AT, Alpha1 Antitrypsin, SERPINA1
Catalog No.:	DM3006
Quantity:	0.125 mg
Concentration:	0.25 mg/ml
Host / Isotype:	Mouse / IgG2b
Recommended Isotype Controls:	SM12P, AM03110PU-N
Clone:	1102
Immunogen:	Human alpha-1-Antitrypsin
Applications:	Immunohistochemistry on frozen and paraffin embedded sections (1/50; Prolonged fixation in buffered formalin can destroy the Epitope). Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with the 51 kD human alpha-1-antitrypsin. It does not cross-react with alpha-1-acid glycoprotein, serum albumin, or other serum proteins. This antibody is appropriate for recognizing tissues exhibiting AAT deficiency, hepatocellular carcinoma, oral contraceptive associated hepatic tumors, endodermal sinus tumors, or AAT in histiocytes. Cellular Localization: cytoplasmic. Species crossreactivity not tested.
Storage:	Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.

Aliquoting Instructions: Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C. Dilute according to the particular application being used. In general, the 0.05M Borate pH 8.0 containing 0.15M Sodium Chloride, 0.05% Sodium Azide, is a good diluent to use with most antibodies. Avoid diluting the entire contents of the vial at once since the diluted solution