



Meridian
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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: H45200M **Lot #:** 3H21918

Description: MAb to Alpha 1-Antitrypsin
Monoclonal Antibody to Human Alpha-1 Antitrypsin (AAT)

Specificity: Specific for Human Alpha-1-Antitrypsin. No cross reactivity with alpha₁-acid glycoprotein, serum albumin or other serum proteins.

Host Animal: Mouse. Hybridization of P3X63-Ag8.653 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG_{2b}

Source: Ascites

Immunogen: Purified Human Alpha₁-Antitrypsin

Format: Purified, Liquid

Purification: Protein A Column Chromatography

Concentration: 2.76 mg/mL (OD280nm, E^{1%} = 14)

Affinity Constant: 2 x 10⁹

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.1% Sodium Azide

Applications: Specific methodologies have not been tested using this product.

Storage: Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Safety Notes (s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Brenda Dunn

08 Aug 2018

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY