Human Alpha-1-Antitrypsin Antibody



Goat Polyclonal Conjugate FITC

Antigen Affinity Purified

Catalog No. A80-122F GeneID 5265

Lot No. A80-122F-21

APPLICATIONS IHC, ICC, IF

SPECIES REACTIVITY Human

AMOUNT 1 ml

CONCENTRATION 1 mg/ml

STORAGE/SHELF LIFE 2 - 8°C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide

FLUOROPHORE/PROTEIN 7.5

ISOTYPE IgG
ORIGIN USA

PRODUCTION PROCEDURES

Goats were immunized with purified human alpha-1-antitrypsin of serum or plasma origin.

The antibody was isolated by affinity chromatography using antigen coupled to agarose

heads and conjugated to fluorescein isothiography using antigen coupled to against

beads and conjugated to fluorescein isothiocyanate (FITC).

Antibody concentration was determined by extinction coefficient prior to conjugation:

absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

By immunoelectrophoresis and ELISA this antibody reacts specifically with Alpha-1-

Antitrypsin. No antibody was detected other serum proteins. This antibody may cross react

with alpha-1-antitrypsin light chain from other species.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined

experimentally by the investigator. Prepare working dilution immediately before use.

Immunohistochemistry 1:200 - 1:2,000

Immunocytochemistry 1:200 – 1:2,000

Immunofluorescence 1:200 - 1:2,000

APPLICATION NOTES Not all listed applications have been specifically tested by our laboratory.

ADDITIONAL INFO https://www.bethyl.com/product/A80-122F

Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: June 9, 2022