

# Human Alpha-1-Antitrypsin Antibody

Goat Polyclonal	Conjugate	FITC
Antigen Affinity Purified		
Catalog No. A80-122F	Uniprot ID	P01009
Lot No. 22	GenelD	5265

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<b>APPLICATIONS</b>	IHC, ICC, IF
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	1 ml
<b>CONCENTRATION</b>	1 mg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide
<b>FLUOROPHORE/PROTEIN</b>	5.2
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	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 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.

<b>APPLICATIONS</b>	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
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**APPLICATION NOTES** Not all listed applications have been specifically tested by our laboratory.

**ADDITIONAL INFO** <https://www.fortislifecom.com/p/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: May 3, 2023