

Instructions For Use A00074-IFU-IVD

Rev. Date: July 13, 2008

Revision: 1

Page 1 of 2

P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - Fax (435) 755-0015 - www.scytek.com

Alpha-1-Antitrypsin

> A00074 6 ml A00074.25 25 ml

Description:

Species: Rabbit

Immunogen: Alpha-1-antitrypsin isolated from human serum.

Clone: Polyclonal Isotype: N/A

Format: This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-

embedded as well as acetone fixed cryostat tissue sections. No further titration is required.

Specificity: Anti-AAT is the purified immunoglobulin fraction of rabbit polyclonal antiserum. Traces of

contaminating antibodies were removed by solid-phase absorption. The specificity of this

antibody has been ascertained by crossed immunoelectrophoresis and

immunocytochemistry. The antibody cross-reacts strongly with alpha-1-antitrypsin from swine and cross-reacts weakly with alpha-1-antitrypsin from dog, horse and mink. This

product has been optimized for use on human tissues.

Species Reactivity: Human. No cross-reaction with cat, chicken, cow, goat, guinea pig, kangaroo, mouse, rat,

and sheep.

Positive Control: Tonsil, Liver Cellular Localization: Cytoplasm

Titer/Working Dilution: No further dilution is required. Microbiological State: This product is not sterile.

Uses/Limitations: For In Vitro Diagnostic Use.

This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-

fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.

ELISA, Immunoblotting

Do not use past expiration date.

Storage and Stability: 2-8° Centigrade.

Product is stable for 24 months from date of manufacture.

If reagent is not stored as recommended, performance must be validated by the user.

Procedure:

 Tissue Section Pretreatment: Staining of formalin fixed, paraffin embedded tissue sections is enhanced by pretreatment with Citrate Plus (ScyTek catalog# CPL500) or 10mM citrate buffer, pH 6.0 (ScyTek Catalog# CBB500, see IFU for instructions).

Primary Antibody Incubation Time: We suggest an incubation period of 30 minutes at room temperature.
 However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user.



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Page 2 of 2

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Visualization: For maximum staining intensity we recommend the "Retrieval HRP Anti-Polyvalent Lab Pack" 3. (ScyTek catalog# RPL125, see IFU for instructions) combined with the "DAB Chromogen/Substrate Bulk Pack (High Contrast)" (ScyTek catalog# ACV500, see IFU for instructions).

Precautions:

Contains Sodium Azide as a preservative (0.09% w/v).

Do not pipette by mouth.

Avoid contact of reagents and specimens with skin and mucous membranes. Avoid microbial contamination of reagents or increased nonspecific staining may occur.

This product contains no hazardous material at a reportable concentration according to U.S. 29 CFR

1910.1200, OSHA Hazardous Communication Standard and EC Directive 91/155/EC.

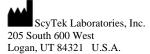
References:

- Isaacson P, et al. Alpha-1-antitrypsin in human macrophages. Lancet 1979; 2:964
- Theaker M. et al. J Clin Pathology 1986: 36:58
- True LD. Chapter 7: Hisiocytic Antigens in Diagnostic Immunohistopathology 1990
- Krugliak L, et al. American Journal Hematology 1986; 21:99

Warranty:

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