

For Research Use Only

# Alpha-1-Antitrypsin Recombinant antibody, PBS Only (Detector)

Catalog Number: 82918-2-PBS



## Basic Information

<b>Catalog Number:</b> 82918-2-PBS	<b>GenBank Accession Number:</b> BC015642	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5265	<b>CloneNo.:</b> 230109C11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P01009	
<b>Isotype:</b> IgG	<b>Full Name:</b> serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1	
<b>Immunogen Catalog Number:</b> AG9369	<b>Calculated MW:</b> 418 aa, 47 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

82918-2-PBS targets Alpha-1-Antitrypsin as part of a matched antibody pair:

MP00022-1: 82918-3-PBS capture and 82918-2-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
100% PBS pH 7.3

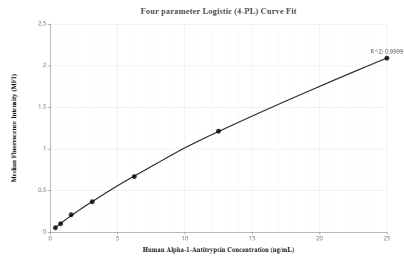
For technical support and original validation data for this product please contact:

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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Sandwich ELISA standard curve of MP00022-1, Alpha-1-Antitrypsin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82918-3-PBS. Detection antibody: 82918-2-PBS. Standard: Ag9369. Range: 0.39-25 ng/mL