

Datasheet for ABIN724839

anti-SERPINA1 antibody (AA 101-200) (Cy5)[Go to Product page](#)**1** Publication

Overview

Quantity:	100 µL
Target:	SERPINA1
Binding Specificity:	AA 101-200
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINA1 antibody is conjugated to Cy5
Application:	Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human alpha 1 Antitrypsin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target:	SERPINA1
Alternative Name:	alpha 1 Antitrypsin (SERPINA1 Products)

Target Details

Background: Synonyms: Tryptase, Alpha-1-Antitrypsin, alpha 1 Antitrypsin, A1A, A1AT, AAT, Alpha 1 antiproteinase, Alpha 1 antitrypsin, Alpha 1 protease inhibitor, alpha-1-AT, alpha1 PI, alpha1 proteinase inhibitor, Clade A alpha 1 antiproteinase antitrypsin member 1, MGC23330, MGC9222, PI, PI, PRO2275, Protease inhibitor 1 anti elastase, Serpin A1, Serpin peptidase inhibitor clade A alpha 1 antiproteinase antitrypsin member 1, SerpinA1, A1AT_HUMAN, Alpha-1-antitrypsin, Alpha-1 protease inhibitor, Alpha-1-antiproteinase, Serpin A1.

Background: Alpha-1-antitrypsin is a protease inhibitor, deficiency of which is associated with emphysema and liver disease. The protein is encoded by a gene (PI) located on the distal long arm of chromosome 14.

Gene ID: 5265

Application Details

Application Notes: FCM 1:20-100
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Samluk, Zakrzewska, Pluta: "Generation of Fluorescently Labeled Cell Lines, C3A Hepatoma Cells, and Human Adult Skin Fibroblasts to Study Coculture Models." in: **Artificial organs**, (2013) ([PubMed](#)).