EliteRmab®

SerpinA8 / Angiotensinogen / AGT Antibody, Rabbit MAb

Catalog Number: **10994-R001**

Sino Biological
Biological Solution Specialist

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GENERAL INFORMATION

Immunogen:	Recombinant Human SerpinA8 protein (Catalog#10994-H08H)
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human SerpinA8 / angiotensinogen (rh SerpinA8; Catalog#10994-H08H; NP_000020.1; Met 1-Ala 485).
Ig Type:	Rabbit IgG
Clone ID:	1
Specificity:	Human SerpinA8 / Angiotensinogen
	No cross-reactivity in ELISA with Human SerpinA1 / A1AT Human SerpinA3 / SERPINA3 / AACT Human SerpinA5 / Protein C inhibitor Human SerpinD1 / HC2 Human SerpinF2 / SERPINF2 Human SerpinG1 / C1IN Human SerpinI1 / Protease inhibitor 12 Human SerpinC1 /SERPINC1/ Antithrombin-III
Formulation:	0.2 μm filtered solution in PBS
Storage:	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	ANHU,SERPINA8

APPLICATIONS

Applications:	WB,ELISA,FCM,ICC/IF,IP

RECOMMENDED CONCENTRATION

ICC/IF	ICC/IF: 1:20-1:100
Flow Cytometry	FCM: 1:25-1:100
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 4-6 μL/mg of lysate
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human AGT.

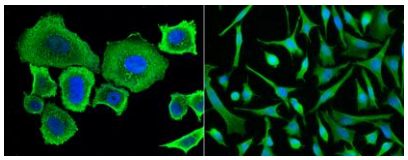
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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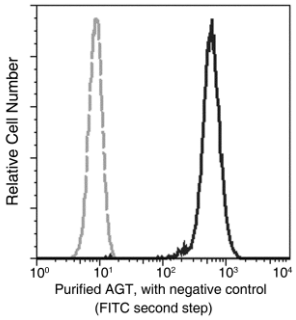
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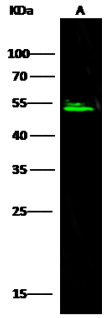


Immunofluorescence staining of Human AGT in Hela or SKBR3 cells. Cells were fixed with 4% PFA, permeabilzed with 1% Triton X-100 in PBS, blocked with 10% serum, and incubated with Rabbit anti-Human AGT monoclonal antibody (1:60). Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (left panel, captured by laser confocal scanning microscope; right panel, captured by fluorescence microscope), countstained with DAPI (blue). Positive staining was localized to cytoplasm.



Flow cytometric analysis of Human AGT expression on HepG2 cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), stained with purified anti-Human AGT, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

Flow cytometry was performed on a BD FACSCalibur flow cytometry system.
Please refer to www.sinobiological.com/Flow-Cytometry-FACS-Protocols-a-750.html for technical protocols.



Anti-SerpinA8 rabbit monoclonal antibody at 1:500 dilution
Lane A: HepG2 Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary
Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size:53 kDa
Observed band size:53 kDa



SerpinA8 was immunoprecipitated using:
Lane A:0.5 mg HepG2 Whole Cell Lysate

2 µL anti-SerpinA8 rabbit monoclonal antibody and 15 µl of 50 % Protein G agarose.

Primary antibody:
Anti-SerpinA8 rabbit monoclonal antibody,at 1:200 dilution

Secondary antibody:
Clean-Blotô IP Detection Reagent (HRP) at 1:500 dilution

Developed using the DAB staining technique.
Performed under reducing conditions.

Predicted band size: 51 kDa
Observed band size: 51 kDa