

Human Serum Albumin / HSA / ALB Antibody, Rabbit MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 68001-R101

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GENERAL INFORMATION	
Immunogen:	Human Serum Albumin / HSA
Preparation	This antibody was obtained from a rabbit immunized with purified Human Serum Albumin.
Ig Type:	Rabbit IgG
Clone ID:	101
Specificity:	Human Serum Albumin / HSA
	No cross-reactivity in ELISA with Bovine serum albumin / BSA
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	ANALBA,FDAH,PRO0883,PRO0903,PRO1341
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: 0.5-2 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 HSA.

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

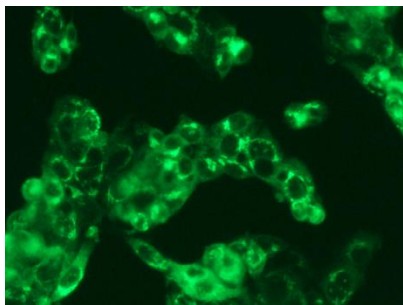
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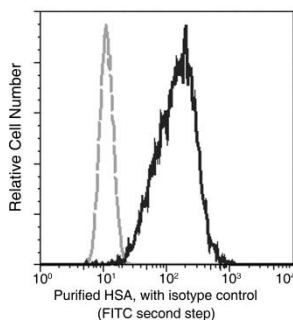


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Immunofluorescence staining of Human HSA in HepG2 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human HSA monoclonal antibody (1:60) at 37°C 1 hour. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm.



Flow cytometric analysis of Human HSA expression on HepG2 cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), stained with purified anti-Human HSA, 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-HSA rabbit monoclonal antibody at 1:500 dilution

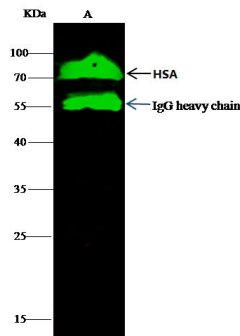
Lane A: HepG2 Whole Cell Lysate

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: 68 kDa
Observed band size: 68 kDa



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

2 µL anti-HAS rabbit monoclonal antibody and
60 µg of Immunomagnetic beads Protein G.

Primary antibody:
Anti-HAS rabbit monoclonal antibody, at 1:100 dilution

Secondary antibody:
Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 68 kDa
Observed band size: 68 kDa