Clusterin / Apolipoprotein J / Apo-J / CLU Antibody, Mouse MAb

Catalog Number: **11297-MM01**

GENERAL INFORMATION	
Immunogen:	Recombinant Human Clusterin / Apolipoprotein J / Apo-J Protein (Catalog#11297-H08H)
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human Clusterin / Apolipoprotein J / Apo-J (rh Clusterin / Apolipoprotein J / Apo-J; Catalog#11297-H08H; NP_001822.2; Met 1-Glu 501). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	9E2E2
Specificity:	Human Clusterin / Apolipoprotein J / Apo-J
	No cross-reactivity in ELISA with Mouse CLU / Clusterin / Apolipoprotein J / Apo-J Human cell lysate (293 cell line)
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:	AAG4,APO-J,APOJ,CLI,CLU1,CLU2,KUB1,NA1/NA2,SGP-2,SGP2,SP-40,TRPM-2,TRPM2
APPLICATIONS	
Applications:	WB,ELISA,FCM,ICC/IF
RECOMMENDED CONCENTRATION	
ICC/IF	ICC/IF: 1:100-1:500
Flow Cytometry	FCM: 1:100-1:500
Western Blot	WB: 1:500-1:1000
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human CLU.

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

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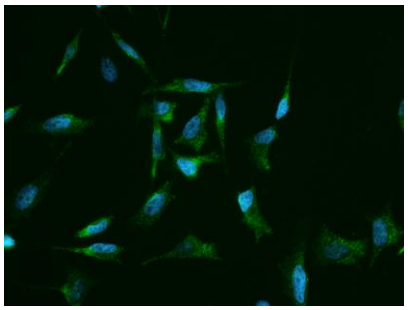
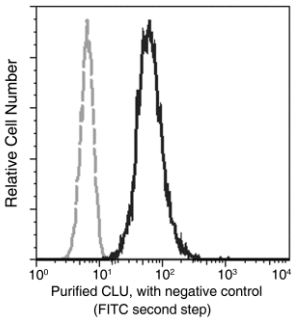
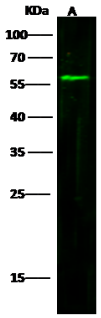


Immunofluorescence staining of Human CLU in Hela cells. Cells were fixed with 4% PFA, permeabilzed with 1% Triton X-100 in PBS, blocked with 10% serum, and incubated with Mouse anti-Human CLU monoclonal antibody (1:300) at 37℃ 1 hour. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody (green). Positive staining was localized to cytoplasm.



Flow cytometric analysis of Human CLU expression on A549 cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), stained with purified anti-Human CLU, 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-CLU mouse monoclonal antibody at 1:500 dilution
Lane A: Hela Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary
Goat Anti-Mouse IgG H&L (Dylight800) at 1/15000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size:52 kDa
Observed band size:57 kDa