

# Apolipoprotein B Monoclonal Antibody (6G6)

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	6G6
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of human ApoB expressed in E. Coli.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	ascites
Contains	0.03% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_11152403

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	1 Publication
Immunocytochemistry (ICC/IF)	1:200-1:1,000	-
Flow Cytometry (Flow)	1:200-1:400	-
ELISA (ELISA)	1:10,000	-

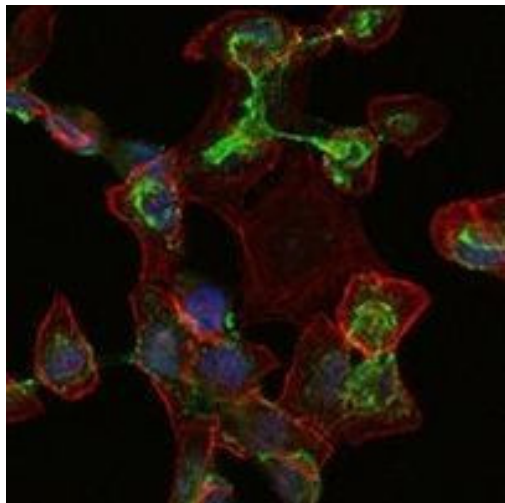
## Product Specific Information

MA5-15851 targets ApoB in indirect ELISA, FACS, IF, and WB applications and shows reactivity with Human samples.

The MA5-15851 immunogen is purified recombinant fragment of human ApoB expressed in E. Coli. .

MA5-15851 detects ApoB which has a predicted molecular weight of approximately 516kDa.

## Product Images For Apolipoprotein B Monoclonal Antibody (6G6)

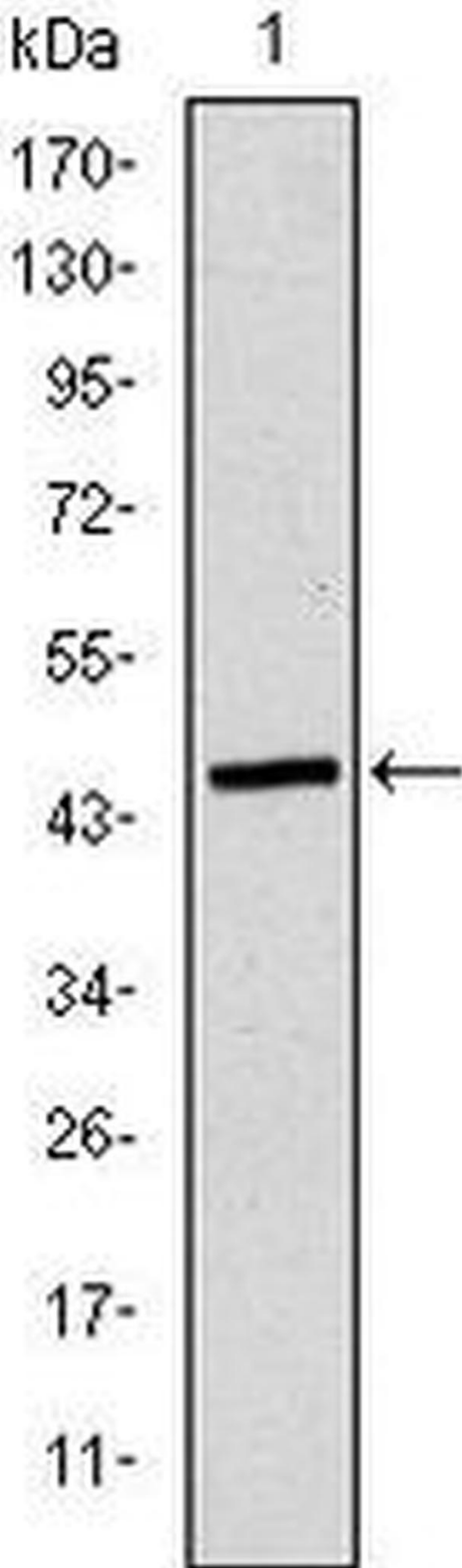


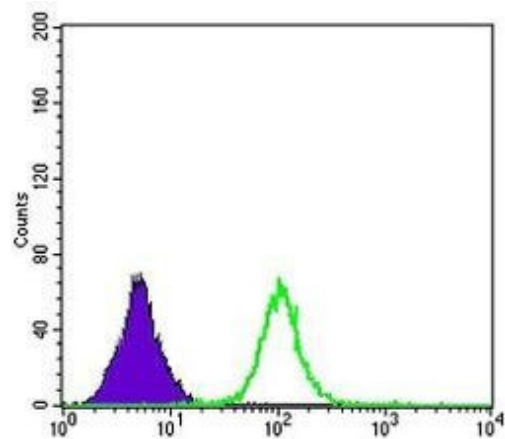
#### **Apolipoprotein B Antibody (MA5-15851) in ICC/IF**

Immunofluorescence analysis of HepG2 cells using ApoB monoclonal antibody (Product # MA5-15851) (Green). Blue: DRAQ5 fluorescent DNA dye. Red: actin filaments have been labeled with phalloidin.

### Apolipoprotein B Antibody (MA5-15851) in WB

Western blot analysis of ApoB using a ApoB monoclonal antibody (Product # MA5-15851) against a human ApoB (AA: 3900-4110) recombinant protein.





## Apolipoprotein B Antibody (MA5-15851) in Flow

Flow cytometric analysis of serum using ApoB monoclonal antibody (Product # MA5-15851) (green) and negative control (purple).

## 1 Reference

### Western Blot (1)

Nature

### SR-B1 drives endothelial cell LDL transcytosis via DOCK4 to promote atherosclerosis.

"MA5-15851 was used in Western Blot to investigate the mechanism by which low-density lipoprotein cholesterol is delivered into arteries and accumulates there, using a mouse model."

Authors: Huang L, Chambliss KL, Gao X, Yuhanna IS, Behling-Kelly E, Bergaya S, Ahmed M, Michaely P, Luby-Phelps K, Darehshouri A, Xu L, Fisher EA, Ge WP, Mineo C, Shaul PW

Year  
2019

Species  
Human

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