

Datasheet for ABIN7127342

Recombinant anti-APOA2 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	APOA2
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This APOA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	A synthesized peptide derived from human APOA2
Clone:	6H2
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Affinity-chromatography

Target Details

Target:	APOA2
Alternative Name:	APOA2 (APOA2 Products)
Background:	Background: May stabilize HDL (high density lipoprotein) structure by its association with lipids,

Target Details

	and affect the HDL metabolism.
	Aliases: Apolipoprotein A-II, Apo-AII, ApoA-II, Apolipoprotein A2, Proapolipoprotein A-II, ProapoA-II, Truncated apolipoprotein A-II, Apolipoprotein A-II(1-76), APOA2
UniProt:	P02652
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Production of Molecular Mediator of Immune Response , Negative Regulation of Transporter Activity , Lipid Metabolism

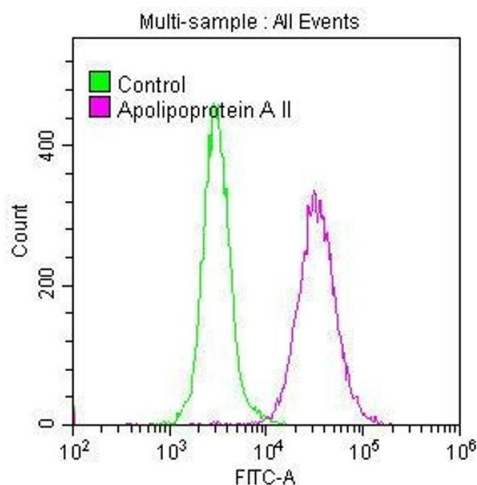
Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:200,
Restrictions:	For Research Use only

Handling

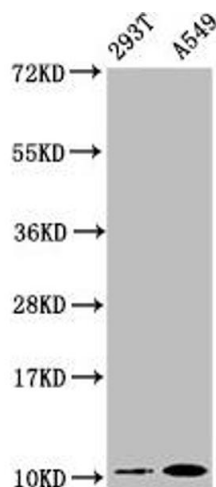
Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Flow Cytometry

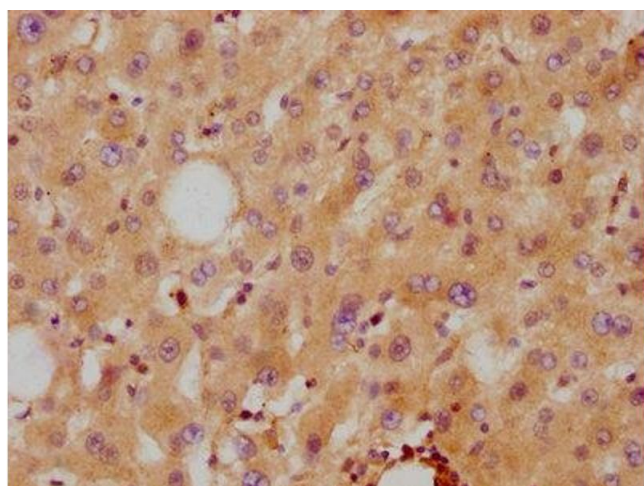
Image 1. Overlay histogram showing A549 cells stained with ABIN7127342 (red line) at 1:50. The cells were fixed with 70 % Ethylalcohol (18h) and then permeabilized with 0.3 % Triton X-100 for 2 min. The cells were then incubated in 1x PBS /10 % normal goat serum to block non-specific protein-protein interactions followed by primary antibody for 1 h at 4 °C. The secondary antibody used was FITC goat anti-rabbit IgG (H+L) at 1/200 dilution for 1 h at 4 °C. Control



antibody (green line) was used under the same conditions. Acquisition of >10,000 events was performed.

Western Blotting

Image 2. Western Blot Positive WB detected in: 293T whole cell lysate, A549 whole cell lysate. All lanes: Apolipoprotein A II antibody at 0.87 µg/mL. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 12 kDa. Observed band size: 12 kDa.



Immunohistochemistry

Image 3. IHC image of ABIN7127342 diluted at 1:87.5 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.