

Anti-ox-LDL Polyclonal Antibody

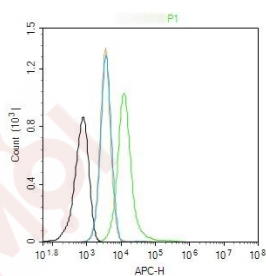
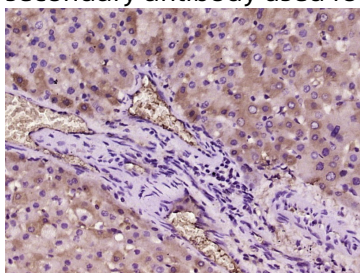
Product Details

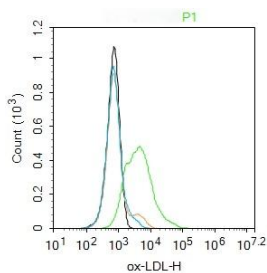
Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 31 kDa.
Purification:	Protein A purified

Applications

Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded (Human liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (ox-LDL) Polyclonal Antibody, Unconjugated (TMAB-01308) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
2. Blank control: A431. Primary Antibody (green line): Rabbit Anti-ox-LDL antibody (TMAB-01308) Dilution: 3 µg/10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-AF647 Dilution: 3 µg/test. Protocol The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature.
3. Blank control: HepG2. Primary Antibody (green line): Rabbit Anti-ox-LDL antibody (TMAB-01308) Dilution: 2 µg/Test; Secondary Antibody: Goat anti-rabbit IgG-FITC Dilution: 0.5 µg/Test. Protocol The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature.





Application: FCM,IF,IHC-Fr,IHC-P

Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 2ug/Test

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Full length protein from human plasma

Antigen Species: Human

Gene ID: ox-LDL

Synonyms: MDA oxidized low density lipoprotein;Low density lipoprotein;oxidized low density lipoprotein;
MDA oxidized LDL;Cu2SO4 oxidized low density lipoprotein;ox-LDL: LDL(Copper oxidized)

Research Background

Low-density lipoprotein (LDL) is the carrier protein for cholesterol in the blood. LDL binds to its receptor on the capillary walls and thereby mediates the uptake and clearance of cholesterol from the circulation. In atherosclerotic lesions oxidatively modified LDL is found and oxidized LDL is specifically recognized and ingested by macrophages via scavenger receptor A and CD36. Oxidized LDL may be a marker of atherosclerosis but the precise changes in oxidized LDL are not well described. Low-density lipoprotein oxidised with Cu2SO4.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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