

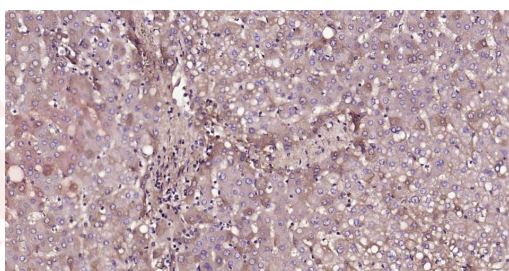
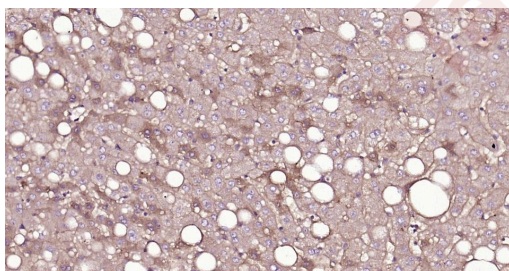
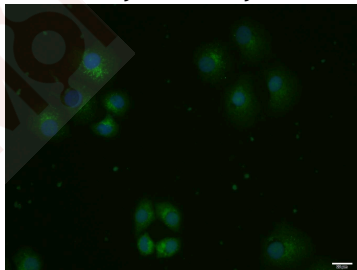
Anti-ox-LDL Polyclonal Antibody 2

Product Details

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

Applications

- Verified Activity:
1. HepG2 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (ox-LDL) polyclonal Antibody, Unconjugated (TMAB-01309) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nucleus.
 2. Paraformaldehyde-fixed, paraffin embedded Human Liver Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ox-LDL Polyclonal Antibody, Unconjugated (TMAB-01309) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.
 3. Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ox-LDL Polyclonal Antibody, Unconjugated (TMAB-01309) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



Application: ICC/IF,IF,IHC-Fr,IHC-P

A DRUG SCREENING EXPERT

Recommended ICC/IF=1:100-500; IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500

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: Mouse Cu²⁺ oxidised low density lipoprotein

Antigen Species: Mouse

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

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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