

Anti-ox-LDL Antibody (4W894)

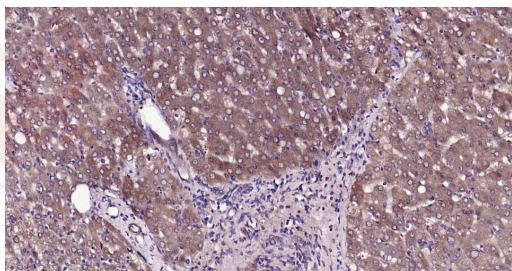
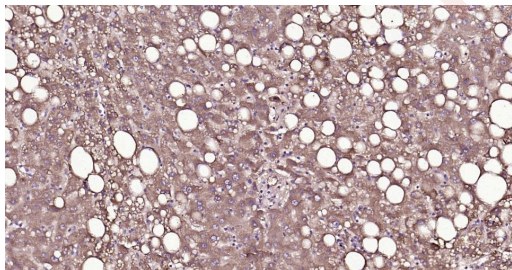
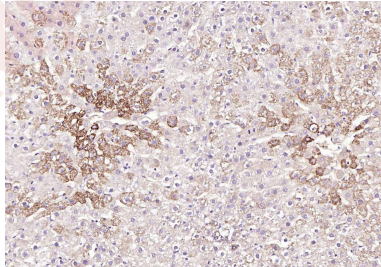
Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse)
Molecular Weight:	Theoretical: 31 kDa.
Clone:	4W894
Purification:	Protein G purified

Applications

Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded (rat 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; Incubation with (ox-LDL) Monoclonal Antibody, Unconjugated (TMAB-01307) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Mouse) instructions and DAB staining.
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 Monoclonal Antibody, Unconjugated (TMAB-01307) 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 Monoclonal Antibody, Unconjugated (TMAB-01307) at 1:200 overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



A DRUG SCREENING EXPERT

Application: IF,IHC-Fr,IHC-P

Recommended IHC-P: 1:100-1000; IHC-Fr: 1:100-1000; IF: 1:100-1000

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

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

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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