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ox-LDL Mouse mAb

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Catalog # AP94108

Product Information

Application	IHC-P, IHC-F, IF
Reactivity	Rat, Human
Predicted	Mouse
Host	Mouse
Clonality	Monoclonal
Physical State	Liquid
Immunogen	Full length protein from human plasma
Isotype	IgG
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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 clearence 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.

Additional Information

Dilution	IHC-P=1:100-1000,IHC-F=1:100-1000,IF=1:100-1000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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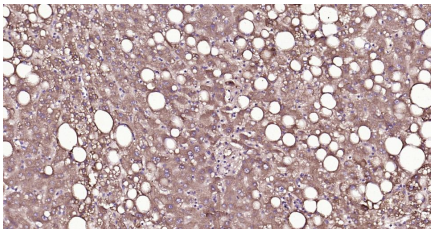
Images

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(AP94108) at 1:200 overnight at 4°C, followed by conjugation to the AP94108-HRP and DAB (C-0010) staining.