

**bsm-1698M****[ Primary Antibody ]****ox-LDL Mouse mAb****BioSS**  
**ANTIBODIES**

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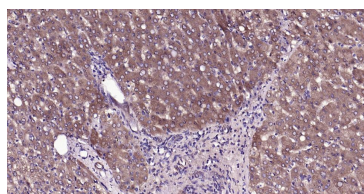
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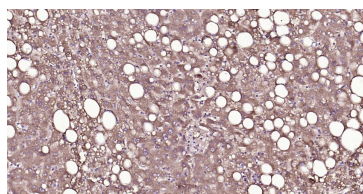
400-901-9800

**— DATASHEET —**

<b>Host:</b> Mouse <b>Clonality:</b> Monoclonal <b>GeneID:</b> ox-LDL <b>Target:</b> ox-LDL <b>Purification:</b> affinity purified by Protein G <b>Concentration:</b> 1mg/ml <b>Storage:</b> Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> 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.	<b>Isotype:</b> IgG <b>CloneNo.:</b> 5C1	<b>Applications:</b> IHC-P (1:100-1000) IHC-F (1:100-1000) IF (1:100-1000) <b>Reactivity:</b> Human, Mouse, Rat  <b>Predicted MW.:</b> 31 kDa <b>Subcellular Location:</b> Secreted ,Cell membrane
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**— VALIDATION IMAGES —**

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(bsm-1698M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



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(bsm-1698M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.

**— SELECTED CITATIONS —**

- **[IF=11.413]** Mengqi Xu. et al. Osteopontin targeted theranostic nanoprobe for laser-induced synergistic regression of vulnerable atherosclerotic plaques. Acta Pharm Sin B. 2021 Dec;; WB,IF ;Mouse. 10.1016/j.apsb.2021.12.020
- **[IF=2.447]** Yanji Zhu. et al. P2X7R antagonist protects against renal injury in mice with adriamycin nephropathy. Exp Ther Med. 2022 Feb;23(2):1-8 IHC ;Mouse. 35069842