bsm-1698M **[Primary Antibody]**

ox-LDL Mouse mAb

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DATASHEET

Host: Mouse
Isotype: IgG
Clonality: Monoclonal
CloneNo.: 5C1
GeneID: ox-LDL
Target: ox-LDL
Purification: affinity purified by Protein G
Concentration: 1mg/ml
Storage: 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.

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 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.

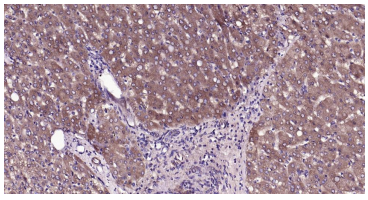
Applications: **IHC-P** (1:100-1000)
IHC-F (1:100-1000)
IF (1:100-1000)

Reactivity: Human, Mouse, Rat

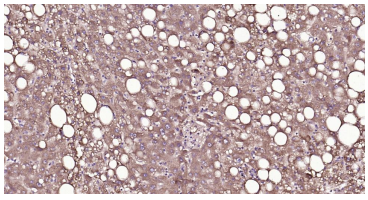
Predicted MW.: 31 kDa

Subcellular Location: Secreted ,Cell membrane

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 nanoprobes 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