bsm-51155M **[Primary Antibody]**

FASN Mouse mAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Mouse
Isotype: IgG1, k
Clonality: Monoclonal
CloneNo.: 2C5
GeneID: 2194
SWISS: P49327
Target: FASN
Purification: affinity purified by Protein AGL
Concentration: 1mg/ml
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background: FASN (Fatty Acid Synthase) is a central enzyme in de novo lipogenesis. FAS is a target for SREBP and is upregulated by LXR activation; it is also one of the accepted markers for insulin resistance, SREBP and LXR activation.

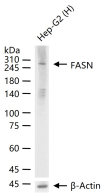
Applications: **WB** (1:500-5000)
IHC-P (1:100-500)
IHC-F (1:20-200)
IF (1:20-200)
ICC/IF (1:100-500)

Reactivity: Human (predicted: Mouse)

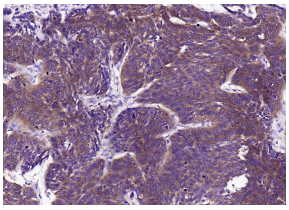
Predicted MW.: 274 kDa

Subcellular Location: Cytoplasm

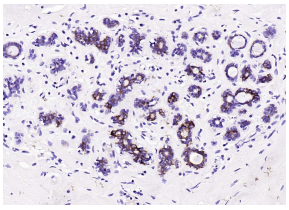
VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with FASN monoclonal antibody, unconjugated (bsm-51155M) at 1:4000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded (human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (FASN) Monoclonal Antibody, Unconjugated (bsm-51155M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human breast); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (FASN) Monoclonal Antibody, Unconjugated (bsm-51155M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.

SELECTED CITATIONS

- **[IF=3.654]** Yingjun Zhou. et al. Chrysin improves diabetic nephropathy by regulating the AMPK-mediated lipid metabolism in HFD/STZ-induced DN mice. J FOOD BIOCHEM. 2022 Aug;:e14379 WB ;Mouse. 35976957
- **[IF=3.448]** Yang X et al. miR‐760 exerts an antioncogenic effect in esophageal squamous cell carcinoma by negatively driving fat metabolism via targeting c‐Myc. J Cell Biochem. 2019 Nov 10. WB ;Human. 31709636
- **[IF=3.231]** Jing Fan. et al. Chitosan Oligosaccharide Inhibits the Synthesis of Milk Fat in Bovine Mammary Epithelial Cells through AMPK-Mediated Downstream Signaling Pathway. ANIMALS. 2022 Jan;12(13):1692 WB ;Bovine. 35804595