

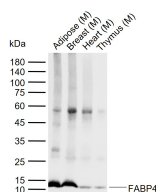
bsm-51247M**[Primary Antibody]****FABP4 Mouse mAb****BioSS**
ANTIBODIES

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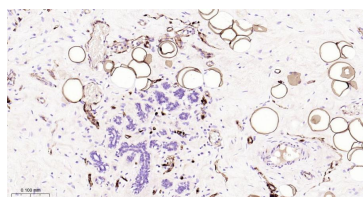
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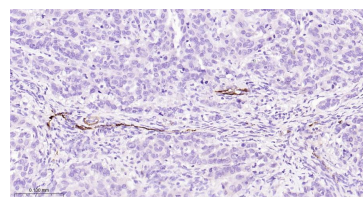
400-901-9800

— DATASHEET —**Host:** Mouse**Clonality:** Monoclonal**GeneID:** 2167**Target:** FABP4**Purification:** affinity purified by Protein G**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:** FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq].**Isotype:** IgG1**CloneNo.:** 6F3**SWISS:** P15090**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse**Predicted MW.:** 14 kDa**Subcellular Location:** Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Adipose tissue lysates
 Lane 2: Mouse Breast tissue lysates Lane 3:
 Mouse Heart tissue lysates Lane 4: Mouse
 Thymus tissue lysates Primary: Anti-FABP4
 (bsm-51247M) at 1/1000 dilution Secondary:
 IRDye800CW Goat Anti-Mouse IgG at 1/20000
 dilution Predicted band size: 14 kDa Observed
 band size: 14 kDa



Paraformaldehyde-fixed, paraffin embedded
 Human Breast; Antigen retrieval by boiling in
 sodium citrate buffer (pH6.0) for 15 min; The
 section was incubated with FABP4 Monoclonal
 Antibody, Unconjugated (bsm-51247M) 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 Ovarian Cancer; Antigen retrieval by
 boiling in sodium citrate buffer (pH6.0) for 15
 min; The section was incubated with FABP4
 Monoclonal Antibody, Unconjugated
 (bsm-51247M) at 1:200 overnight at 4°C,
 followed by conjugation to the bs-40296G-HRP
 and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=7.012]** Mengqi Su. et al. Epididymal white adipose tissue promotes angiotensin II-induced cardiac fibrosis in an exosome-dependent manner. TRANSL RES. 2022 May;; FCM ;Mouse. 35609783
- **[IF=5.923]** Yonglin Hua. et al. Ablation of KDM2A Inhibits Preadipocyte Proliferation and Promotes Adipogenic Differentiation. Int J Mol Sci. 2021 Jan;22(18):9759 IF ;Mouse. 34575926
- **[IF=5.201]** Xuemei Shen. et al. CircINSR Regulates Fetal Bovine Muscle and Fat Development. Front Cell Dev Biol. 2020; 8: 615638 WB ;Bovine. 33490079
- **[IF=4.861]** Xuemei Shen. et al. CircRNF111 Contributes to Adipocyte Differentiation by Elevating PPARγ Expression via miR-27a-3p. EPIGENETICS-US. 2022 Nov 15 WB ;Bovine. 36377797
- **[IF=3.6]** De Bono Christopher. et al. Multi-modal refinement of the human heart atlas during the first gestational trimester. DEVELOPMENT. 2025 Feb;; IF ;Human. 39927812