### bsm-0945M

### [ Primary Antibody ]

# BIOSS ANTIBODIES

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## Human Serum albumin Mouse mAb, Loading Control

- DATASHEET -

Host: Mouse Isotype: IgG1
Clonality: Monoclonal CloneNo.: 3F4
GeneID: 213 SWISS: P02768

**Target:** Human Serum albumin **Purification:** affinity purified by Protein G

Concentration: 1mg/ml

Storage: Size: 50ul/100ul/500ul

0.01M TBS (pH7.4) with 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:** This gene encodes the most abundant protein in human blood.

This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine

receptor. [provided by RefSeq, Jul 2016]

**Applications: WB** (1:500-2000)

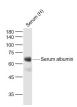
Reactivity: Human, Mouse

(predicted: Rat, Pig)

Predicted MW.: 69 kDa

**Subcellular Location:** Secreted

### - VALIDATION IMAGES -



Sample: Lane 1: Serum (Human) at 20 ug Primary: Anti-Serum albumin (bsm-0945M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 67 kD Observed band size: 67 kD

### - SELECTED CITATIONS -

• [IF=7.7] Keshav Thapa. et al. Melanocortin 1 receptor regulates cholesterol and bile acid metabolism in the liver. ELIFE. 2023 Jul IF; Mouse. 37490042