

bsm-0945M**[Primary Antibody]**

Human Serum albumin Mouse mAb, Loading Control

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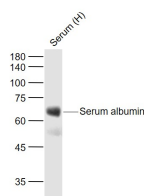
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— DATASHEET —

Host: Mouse	Isotype: IgG1	Applications: WB (1:500-2000)
Clonality: Monoclonal	CloneNo.: 3F4	Reactivity: Human, Mouse (predicted: Rat, Pig)
GeneID: 213	SWISS: P02768	Predicted MW.: 69 kDa
Target: Human Serum albumin		Subcellular Location: Secreted
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]		

— 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