

**bsm-77001M****[ Primary Antibody ]****Albumin Mouse mAb, Animal-free****BioSS**  
**ANTIBODIES**

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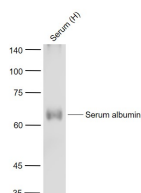
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**— DATASHEET —**

<b>Host:</b> Mouse	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> 3F4	<b>Reactivity:</b> Human (predicted: Mouse, Rat, Pig)
<b>GeneID:</b> 213	<b>SWISS:</b> P02768	<b>Predicted MW.:</b> 69 kDa
<b>Target:</b> Albumin		<b>Subcellular Location:</b> Secreted
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> Size : 50ul/100ul 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.		
<b>Background:</b> 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: Human Serum Primary: Anti-Serum albumin (bsm-77001M) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 69 kD  
Observed band size: 65 kD