



Human Serum Albumin

Mouse monoclonal Antibody

#53155

Catalog Number: 53155

Amount: 100µg/100µl

Swiss-Prot No. : P02768

Gene name: alb

Gene id: 213

Clone Number: 1A8-C5-B4

Form of Antibody: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Storage/Stability: Store at -20°C/1 year

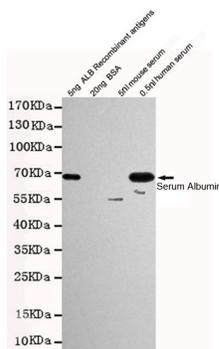
Immunogen: Purified human serum albumin

Purification: affinity-chromatography

Specificity/Sensitivity: This antibody detects endogenous levels of serum albumin and does not cross-react with related proteins

Reactivity: Human

Applications: Predicted MW: 67kd WB: 1:1000



Western blot detection of Human Serum Albumin in 0.5nl human serum and 5ng ALB Recombinant antigens cell lysates using Human Serum Albumin mouse mAb (1:1000 diluted). Predicted band size: 67KDa. Observed band size: 67KDa.

Background:

Albumin is a soluble, monomeric protein which comprises about one-half of the blood serum protein. Albumin functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones and plays a role in stabilizing extracellular fluid volume. Albumin is a globular unglycosylated serum protein of molecular weight 65,000. Albumin is synthesized in the liver as prealbumin which has an N-terminal peptide that is removed before the nascent protein is released from the rough endoplasmic reticulum. The product, proalbumin, is in turn cleaved in the Golgi vesicles to produce the secreted albumin.