human Albumin Ab

Images(1)

Cat.#: BF0544 Concn.: ~1mg/ml Mol.Wt.: 69kDa Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000

*The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH

7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.

Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human human Albumin expressed in E.

Coli.

Uniprot: P02768

Description: 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 preproalbumin 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.

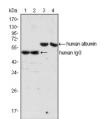


Figure 1: Western blot analysis using human Albumin mouse mAb (lane 3, 4) and human IgG mouse mAb(lane 1, 2) against human serum (lane 1, 3) and plasma (lane 2, 4).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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