

Anti-Human Serum Albumin Antibody [8-A3]

M0809-4



Product Type:	Mouse monoclonal IgG1, primary antibodies
Species reactivity:	Human
Applications:	WB
Molecular Wt:	70kDa
Clone number:	8-A3

Description: HSA is the most common protein in serum. It is produced in the liver and the concentration in serum is 35-50 mg/ml. HSA consists of a single polypeptide chain of 584 aminoacids, stabilized by 17 disulfide bridges. HSA is often used as a carrier molecule because of its binding capacity, and thus mainly functions as the regulator of the colloidal osmotic pressure of the blood. HSA binds a wide variety of hydrophobic ligands including fatty acids, bilirubin, thyroxine and hemin.

Immunogen: Full length native protein (purified) corresponding to human serum albumin.

Positive control: Purified HSA protein

Subcellular location: Secreted

Database links: SwissProt: P02768 Human

Recommended Dilutions:

WB 1:2,000

Storage Buffer: 1*PBS (pH7.4), 0.2% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

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Images



Fig1: Western blot analysis on HSA protein using anti-HSA Mouse mAb (Cat. # M0809-4).

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

Background References

1. MINGETTIPP,RUFFNER DE,KUANG wJ,et a1. Molecular structure of the human albumin gene is revealed by nucleotide sequence within q1 1-22 of chromosome 4 [J]. J Biol Chem,1986,261:6747. 6757
2. LAWN RM,ADEMAL J,BOCK SC,et a1. The sequence of human serum albumin cDNA and its expression in E. coli[J]. Nucleic Acids Res. 1981,9(22):6103—6114
3. SUGIO S,KASHIMA A,MOCHIZUK S,et a1. Crystal structure of human serum albumin at 2.5 Å resolution[J]. Protein Eng,1999,12:439. 446

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