Anti-Human Serum Albumin Antibody [8-A3] M0809-4

Product Type:	Mouse monoclonal IgG1, primary antibodies
Species reactivity:	Human
Applications:	WB 70kDa
Molecular Wt:	8-A3
Clone number:	0-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.
lmmunogen:	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 $^\circ\!{\rm C}$ after thawing. Aliquot store at -20 $^\circ\!{\rm C}$ or -80 $^\circ\!{\rm C}$. Avoid repeated freeze / thaw cycles.
Purity:	Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.



Technical:0086-571-89986345

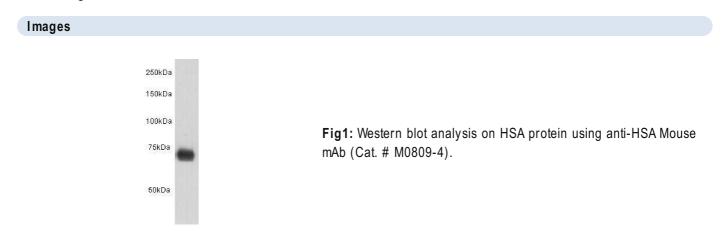
5 Service mail:support@huabio.cn



11.

Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

M0809-4 - Page 2



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 al. Molecular strutture of the human albumin gene is revealed by nucleotide sequence within ql 1-22 of chromosome 4 [J]. J Biol Chem, 1986, 261:6747. 6757
- 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 A. resolution[J]. Protein Eng,1999,12:439. 446

Hangzhou Huaan Biotechnology Co., Ltd.



Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation