

Selected General References

Role of the magnesium cation on antihypertensive molecule-human serum albumin binding: affinity chromatography approach.
Guillaum YC, Nicod L, Truong-Thanh T, Guinchard C, Robert JF, Thomassin M
Journal of chromatography. B, Analytical technologies in the biomedical and life sciences (2002) 768(1): 129-35.

Serum albumin

Cat.No. 286 003BT; Polyclonal rabbit antibody, 100 µg specific antibody (lyophilized)

Data Sheet

Reconstitution/ Storage	100 µg specific antibody, lyophilized. Affinity purified with the immunogen, biotin-labeled. . For reconstitution add 100 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 (AP staining) (see remarks) IP: not tested yet ICC: N/A IHC: 1 : 400 (see remarks) IHC-P/FFPE: not tested yet
Label	biotin
Immunogen	Recombinant protein corresponding to AA 1 to 607 from bovine Serum albumin (UniProt Id: P02769)
Reactivity	Reacts with: human (P02768), rat (P02770), mouse (P07724), Guinea pig, horse, donkey, cow, sheep, goat. No signal: rabbit (P49065). Other species not tested yet.
Specificity	Specific for serum albumin.
Remarks	WB: Do not use albumin containing buffers for blocking. Detects 25 ng of BSA. Serum albumin of other species is probably detected with lower sensitivity. IHC: Do not use albumin containing buffers for blocking.

TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Albumins are globular, water soluble proteins. **Serum albumin** is the major protein in blood plasma and binds to different substances like cations, fatty acids, hormones, certain pharmaceuticals etc. However its main function is to regulate the colloidal osmotic pressure of blood.