

Product datasheet for **AM31844SU-N**

Albumin (ALB) Mouse Monoclonal Antibody [Clone ID: HSA1/25.1.3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HSA1/25.1.3
Applications:	ELISA, IF, R, WB
Recommended Dilution:	ELISA. Western Blot. Immunofluorescence. Radioimmunoassay. affinity Purification of Albumin
Reactivity:	Canine, Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	Specific for Human Albumin. No detectable cross-reaction with: Thyroxin-Binding Globulin, Alpha-1-Acid Glycoprotein, Retinol Binding Globulin, Alpha-2-HS Glycoprotein, 4S Alpha-2-Glycoprotein CI-Inactivator, 8S Alpha-2-Glycoprotein, C3-Activator, Serum Cholinesterase, Gc-Globulin Zn Alpha-2-Glycoprotein, Haptoglobulin, B2-Glycoprotein III, Transferrin, Antithrombin III Prealbumin, Alpha-1-Antitrypsin, Hemopexin Alpha-1-B Glycoprotein, B2-Glycoprotein.
Formulation:	State: Ascites State: Lyophilized Ascites Fluid
Reconstitution Method:	Restore with 0.5 ml of distilled water.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store before reconstitution at -20°C. Mix well until all of the lyophilized material is in solution. Aliquot and freeze the unused portion in volumes appropriate for single usage (to avoid repeated freezing and thawing).



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Stability:	Shelf life: one year from despatch.
Gene Name:	albumin
Database Link:	Entrez Gene 213 Human P02768
Background:	<p>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. Mutations in this gene on chromosome 4 result in various anomalous proteins. Albumin is a globular unglycosylated serum protein of molecular weight 65,000. The human albumin gene is 16,961 nucleotides long from the putative 'cap' site to the first poly(A) addition site. It is split into 15 exons which are symmetrically placed within the 3 domains that are thought to have arisen by triplication of a single primordial domain. 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.</p>
Synonyms:	ALB, BSA, HSA, Serum Albumin
Note:	Mouse IgG1 - binds to protein A. - non-precipitating.
Protein Families:	Secreted Protein