

## Product datasheet for **AM05447PU-N**

### Albumin (ALB) Mouse Monoclonal Antibody [Clone ID: BGN/1328/33 (UA33)]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	BGN/1328/33 (UA33)
Recommended Dilution:	<b>Western Blot:</b> Suitable for use under reducing conditions. <b>ELISA:</b> 1/100-1/1000. Can be used as the capture antibody in a sandwich ELISA with Cat.-No AM05449PU-N as the Detection antibody.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human Albumin
Specificity:	This antibody is specific for Human Albumin. <b>Negative Species:</b> Goat, Mouse, Rabbit, Bovine, Guinea Pig and Horse.
Formulation:	Phosphate buffered saline containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction from tissue culture supernatant
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	albumin
Database Link:	<a href="#">Entrez Gene 213 Human P02768</a>



[View online »](#)

**Background:**

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.

**Synonyms:**

ALB, BSA, HSA, Serum Albumin