

Datasheet for ABIN722740
anti-Albumin antibody (Cy5)



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Overview

Quantity:	100 µL
Target:	Albumin (ALB)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Albumin antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	human Serum albumin
Clone:	3F4
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein G.

Target Details

Target:	Albumin (ALB)
Alternative Name:	Serum albumin (ALB Products)
Background:	Synonyms: ALB; ALBU_HUMAN; Albumin 32 AA; Albumin AA 34; Analbuminemia; Bisalbuminemia; Cell growth inhibiting protein 42; DKFZp779N1935; Dysalbuminemic

Target Details

hyperthyroxinemia; Growth inhibiting protein 20; HSA; Hyperthyroxinemia dysalbuminemic; PRO0883; PRO0903; PRO1341; PRO2044; PRO2619; Serum albumin.

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.

Gene ID:	213
UniProt:	P02768
Pathways:	Lipid Metabolism

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months