

Datasheet for ABIN1539925
anti-Albumin antibody (AA 540-569)



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1 Image

Overview

Quantity:	400 µL
Target:	Albumin (ALB)
Binding Specificity:	AA 540-569
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Albumin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ALB antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 540-569 amino acids from human ALB.
Clone:	500CT2-1-4
Isotype:	IgG2a
Predicted Reactivity:	Hs, Pr
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	Albumin (ALB)
Alternative Name:	ALB (ALB Products)

Target Details

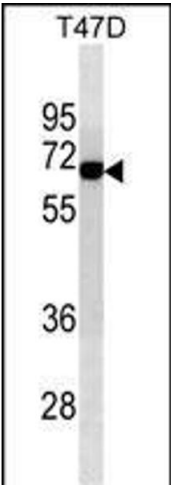
Background:	Albumin is a soluble, monomeric protein which comprises about one-half of the blood serum protein. Albumin functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones and plays a role in stabilizing extracellular fluid volume. Albumin is a globular unglycosylated serum protein of molecular weight 65,000. 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.
Molecular Weight:	69367
Gene ID:	213
NCBI Accession:	NP_000468
UniProt:	P02768
Pathways:	Lipid Metabolism

Application Details

Application Notes:	WB: 1:100~500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	ALB Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. ALB Antibody (ABIN1539925 and ABIN2843868) western blot analysis in T47D cell line lysates (35 μ g/lane). This demonstrates the ALB antibody detected the ALB protein (arrow).