

Datasheet for ABIN93885
anti-Albumin antibody



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Overview

Quantity:	100 µg
Target:	Albumin (ALB)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Albumin antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Radioimmunoassay (RIA)

Product Details

Purpose:	Anti-Hu Albumin Purified
Immunogen:	Fraction of proteins containing albumin after ammonium sulphate precipitation and DEAE-chromatography of human serum.
Clone:	AL-01
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody AL-01 reacts only with human serum albumin, a 65-67 kDa monomeric protein in human blood plasma, it is produced in liver. No cross-reactivity was observed with other serum proteins.
No Cross-Reactivity:	Cow, Mouse, Pig, Rabbit
Cross-Reactivity (Details):	Human

Product Details

Purification: Purified by protein-A affinity chromatography.

Purity: > 95 % (by SDS-PAGE)

Target Details

Target: Albumin (ALB)

Alternative Name: Albumin ([ALB Products](#))

Background: Albumin, Human serum albumin (65-67 kDa) is the most abundant protein in human blood plasma (produced in the liver). It has a serum half-life of approximately 20 days., HSA, SA

Gene ID: 213

UniProt: [P02768](#)

Pathways: [Lipid Metabolism](#)

Application Details

Application Notes: Immunohistochemistry (paraffin sections): Recommended dilution: 5 µg/mL, positive tissue: liver.

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM 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.

Handling Advice: **Do not freeze.**

Storage: 4 °C

Storage Comment: Store at 2-8°C. Do not freeze.

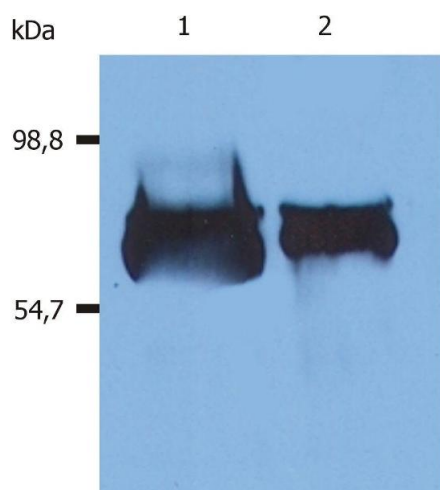
Publications

Product cited in: Stepanek, Brdicka, Angelisova, Horvath, Spicka, Stockbauer, Man, Horejsi: "Interaction of late apoptotic and necrotic cells with vitronectin." in: **PLoS ONE**, Vol. 6, Issue 5, pp. e19243, (2011) (

[PubMed](#)).

Angelisová, Mack?, Mancal, Bártek, Viklický: "The characteristics of monoclonal antibodies against human albumin." in: **Folia biologica**, Vol. 32, Issue 5, pp. 289-94, (1989) ([PubMed](#)).

Images



Western Blotting

Image 1. Western Blotting analysis (reducing conditions) of human serum albumin using anti-human Albumin (AL-01).
Lane 1: Human blood plasma Lane 2: Human blood serum