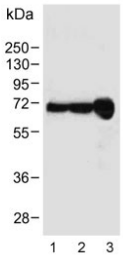
Albumin Antibody / ALB (F54330)

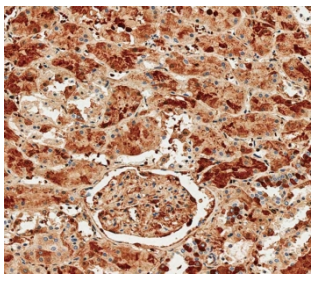
Catalog No.	Formulation	Size
F54330-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54330-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

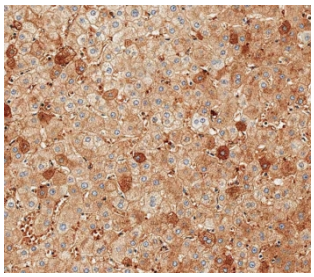
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P02768
Applications	Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10e6 cells)
Limitations	This Albumin antibody is available for research use only.



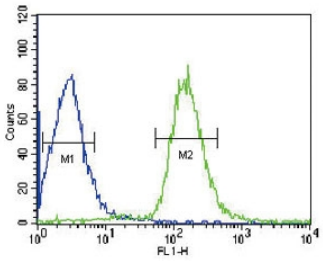
Western blot testing of 1) human HepG2, 2) human HeLa and 3) mouse liver lysate with Albumin antibody. Predicted molecular weight ~66 kDa.



IHC testing of FFPE human kidney tissue with Albumin antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



IHC testing of FFPE human liver tissue with Albumin antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



Flow cytometry testing of human HepG2 cells with Albumin antibody; Blue=isotype control, Green= Albumin antibody.

Description

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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Albumin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 540-569 from the human protein was used as the immunogen for the Albumin antibody.

Storage

Aliquot the Albumin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.