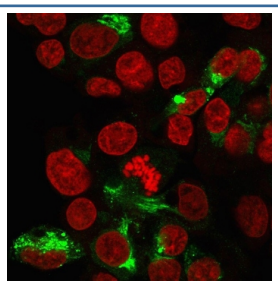
Albumin Antibody / Serum Albumin [clone ALB/2356] (V7528)

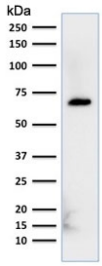
Catalog No.	Formulation	Size
V7528-100UG	0.2 mg/ml in 1X PBS with 0.05% sodium azide	100 ug
V7528-20UG	0.2 mg/ml in 1X PBS with 0.05% sodium azide	20 ug
V7528SAF-100UG	1 mg/ml in 1X PBS; sodium azide free	100 ug

Bulk quote request

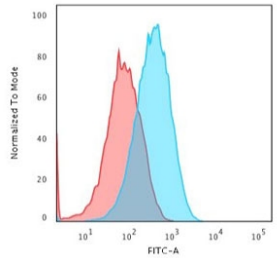
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	ALB/2356
Purity	Protein G affinity chromatography
UniProt	P02768
Localization	Cell surface, Cytoplasmic
Applications	ELISA (order BSA/sodium Azide-free Format For Coating) : Flow Cytometry : 1-2ug/10^6 cells Immunofluorescence : 2-4ug/ml Western Blot : 1-2ug/ml
Limitations	This Albumin antibody is available for research use only.



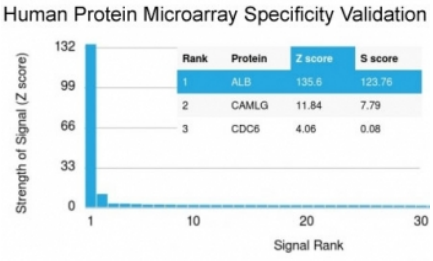
Immunofluorescent staining of paraformaldehyde-fixed human HepG2 cells with Albumin antibody (green, clone ALB/2356) and Reddot nuclear stain (red).



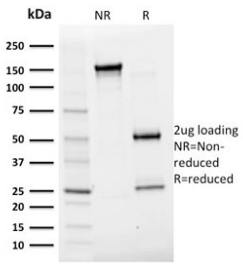
Western blot testing of human HepG2 cell lysate with Albumin antibody (clone ALB/2356). Predicted molecular weigth ~66 kDa.



FACS testing of paraformaldehyde-fixed human HepG2 cells with Albumin antibody (blue, clone ALB/2356) and isotype control (red).



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Albumin antibody (clone ALB/2356). These results demonstrate the foremost specificity of the ALB/2356 mAb.
Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



SDS-PAGE analysis of purified, BSA-free Albumin antibody (clone ALB/2356) as confirmation of integrity and purity.

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 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 form of albumin.

Application Notes

The optimal dilution of the Albumin antibody for each application should be determined by the researcher.

Immunogen

Recombinant human protein was used as the immunogen for this Albumin antibody.

Storage

Store the Albumin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).