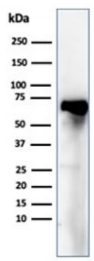
Recombinant Albumin Antibody [clone ALB/6409R] (V9275)

Catalog No.	Formulation	Size
V9275-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9275-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9275SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

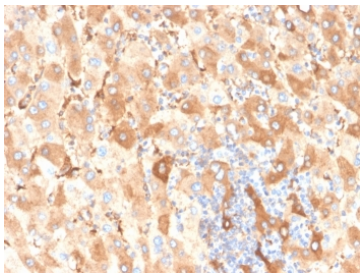
Recombinant RABBIT MONOCLONAL

Bulk quote request

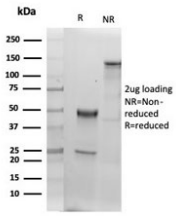
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ALB/6409R
Purity	Protein A/G affinity
UniProt	P02768
Localization	Cell surface, Cytoplasm
Applications	ELISA (order BSA-free format for coating) Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This recombinant Albumin antibody is available for research use only.



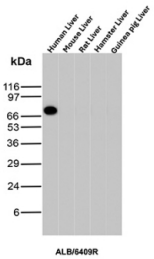
Western blot testing of human liver tissue lysate using recombinant Albumin antibody (clone ALB/6409R). Predicted molecular weight ~69 kDa.



IHC staining of FFPE human liver carcinoma in colon with recombinant Albumin antibody (clone ALB/6409R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant Albumin antibody (clone ALB/6409R) as confirmation of integrity and purity.



Albumin Antibody Multi-Species Liver WB. Western blot analysis of human, mouse, rat, hamster, and guinea pig liver tissue lysates using Albumin antibody detects a strong band at approximately 65â€“70 kDa in human liver, consistent with the predicted molecular weight of Albumin (ALB), with minimal signal observed in other species under these conditions; detection was performed with clone ALB/6409R.

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.

For broader detection of Albumin in liver function and hepatocyte biology studies, see our Albumin antibody (clone ALB/2141).

Application Notes

Optimal dilution of the recombinant Albumin antibody should be determined by the researcher.

Immunogen

Recombinant full-length human ALB protein was used as the immunogen for the recombinant Albumin antibody.

Storage

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

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