# Recombinant Albumin (Transport Protein) Antibody

Rabbit Monoclonal Antibody [Clone ALB/6413R]

| Catalog No | Format | Size |
|---|---|---|
| 213-RBM13-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 213-RBM13-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 213-RBM13-P1ABX | Purified Ab WITHOUT BSA or Azide at 1.0mg/ml | 100 ug |

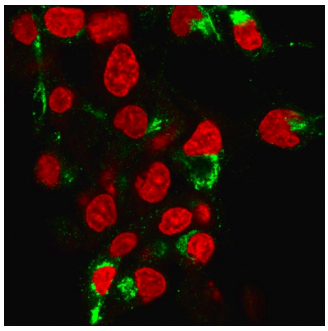
| Applications | Tested Dillution | Note |
|---|---|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |
| Western Blot (WB) | 2-4ug/ml | |

## Product Details

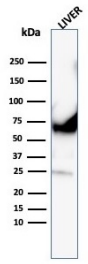
| | |
|---|---|
| **Clone** | ALB/6413R |
| **Immunogen** | Recombinant full-length human Albumin protein |
| **Host** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG / Kappa |
| **Mol. Weight of Antigen** | 69.37kDa |
| **Cellular Localization** | Secreted |
| **Species Reactivity** | Human |
| **Positive Control** | Human serum. Human liver or hepatocellular carcinoma. |

**Optimal dilution for a specific application should be determined.*

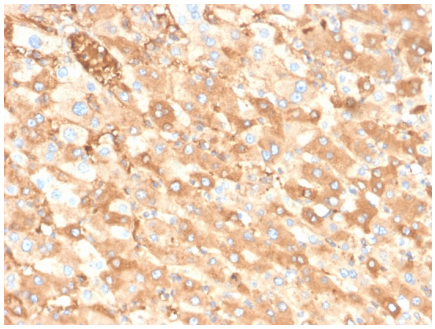
## Product Images for Recombinant Albumin (Transport Protein) Antibody



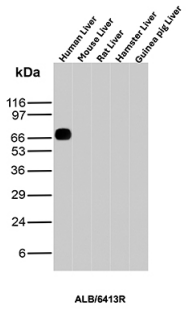
Immunofluorescence analysis of human HeP-G2 cells labeled with Albumin Recombinant Rabbit Monoclonal Antibody (ALB/6413R) followed by goat anti-mouse IgG-CF488 (green). Counterstained with RedDot (red).



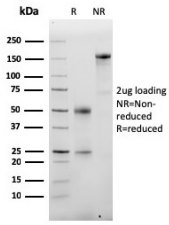

Western blot analysis of human liver lysates using Albumin RecombinantRabbit Monoclonal Antibody (ALB/6413R).



Formalin-fixed, paraffin-embedded human liver carcinoma in colon stained with Albumin Recombinant Rabbit Monoclonal Antibody (ALB/6413R).




Western blot analysis of Human Liver, Mouse Liver, Rat Liver, Hamster Liver and Guinea pig Liver tissue lysates using Albumin Recombinant Rabbit Monoclonal Antibody (ALB/6413R).




SDS-PAGE Analysis of Purified Albumin Recombinant Rabbit Monoclonal Antibody (ALB/6413R). Confirmation of Purity and Integrity of Antibody.

## Specificity & Comments

This MAb is absolutely specific to albumin and does not show any significant cross-reaction with other human proteins. 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.

## Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

## Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

## Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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