

## Rabbit Albumin Monoclonal Antibody | anti-ALB antibody

Albumin Antibody

| CATALOG # | HOST   | REACTIVITY             | APPLICATIONS                       |
|-----------|--------|------------------------|------------------------------------|
| AAA30286  | Rabbit | Human, Mouse, Rat, Cow | Western Blot, Immunohistochemistry |

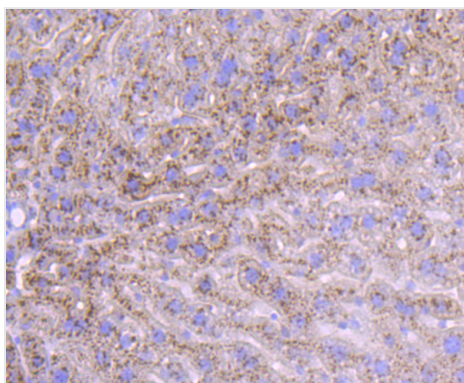
### PRODUCT SYNONYMS

Albumin; Monoclonal Antibody; Albumin Antibody; alb antibody; ALBU\_HUMAN antibody; Albumin (32 AA) antibody; Albumin (AA 34) antibody; cell growth inhibiting protein 42 antibody; DKFZp779N1935 antibody; GIG20 antibody; GIG42 antibody; growth-inhibiting protein 20 antibody; OTTHUMP00000220436 antibody; OTTHUMP00000220438 antibody; OTTHUMP00000220439 antibody; PRO0883 antibody; PRO0903 antibody; PRO1341 antibody; PRO1708 antibody; PRO2044 antibody; PRO2619 antibody; PRO2675 antibody; Serum albumin antibody; UNQ696/PRO1341 antibody; anti-ALB antibody

### PRODUCT SPECIFICATIONS

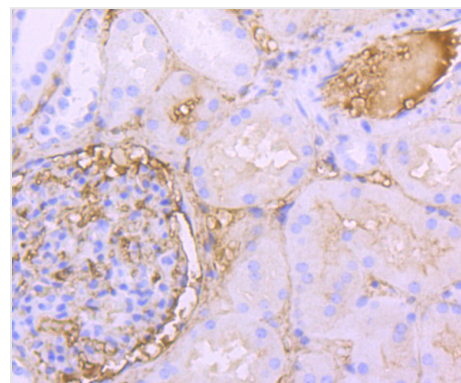
|                                               |                                                                        |
|-----------------------------------------------|------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                 |
| Reactivity                                    | Human, Mouse, Rat, Cow                                                 |
| Clonality                                     | Monoclonal                                                             |
| Clone Number                                  | JF32-10                                                                |
| Purity/Purification                           | ProA affinity purified                                                 |
| Form/Format                                   | 1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide. |
| Applicable Applications for anti-ALB antibody | WB (Western Blot), IHC (Immunohistochemistry)                          |
| Application Notes                             | WB: 1:1000-5000<br>IHC: 1:50-1:200                                     |
| Antibody Type                                 | Recombinant Antibody                                                   |
| Immunogen                                     | Recombinant protein                                                    |
| Conjugation                                   | Unconjugated                                                           |
| Preparation and Storage                       | Store at -20 degree C.                                                 |

### IMAGES



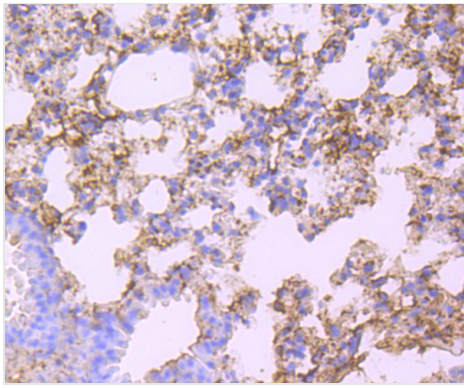
**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-Albumin antibody. Counter stained with hematoxylin.

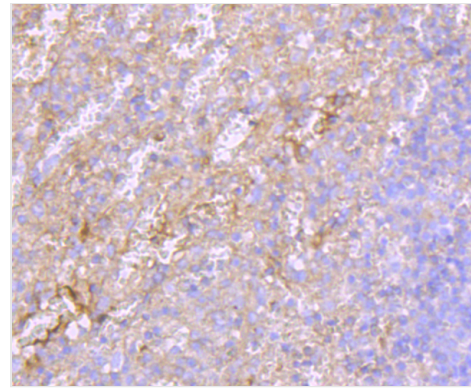


**IHC (Immunohistochemistry)**

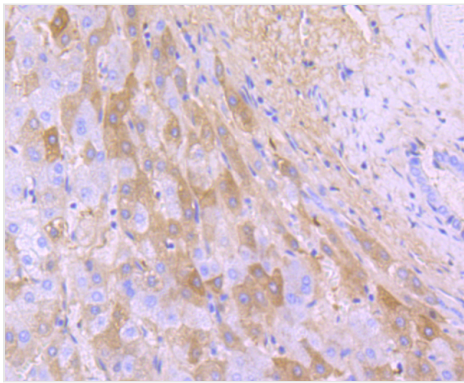
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Albumin antibody. Counter stained with hematoxylin.



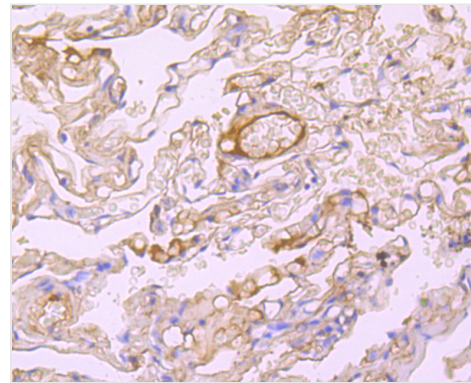
**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded mouse lung tissue using anti-Albumin antibody. Counter stained with hematoxylin.



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-Albumin antibody. Counter stained with hematoxylin.



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Albumin antibody. Counter stained with hematoxylin.



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded human lung tissue using anti-Albumin antibody. Counter stained with hematoxylin.

## ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-ALB antibody</b> | Serum albumin (ALB), the main protein in plasma, has a very good binding capacity for water, fatty acids, calcium, sodium, bilirubin, hormones, potassium and drugs. The primary function of ALB is to regulate the colloidal osmotic pressure of blood. 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. Mutations in the ALB gene may result in familial dysalbuminemic hyperthyroxinemia (FDH), a form of euthyroid hyperthyroxinemia that is due to increased affinity of ALB for T4. FDH is the most common cause of inherited euthyroid hyperthyroxinemia in Caucasian populations. |
| <b>Product Categories/Family for anti-ALB antibody</b>   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                 | 4502027                                                                                        |
| <b>NCBI GeneID</b>               | 213                                                                                            |
| <b>NCBI Accession #</b>          | NP_000468.1                                                                                    |
| <b>NCBI GenBank Nucleotide #</b> | NM_000477.5                                                                                    |
| <b>UniProt Accession #</b>       | P02768; O95574; P04277; Q13140; Q645G4; Q68DN5; Q6UXK4; Q86YG0; Q9P157; Q9P1I7; Q9UHS3; Q9UJZ0 |
| <b>Molecular Weight</b>          | 69,367 Da                                                                                      |
| <b>NCBI Official Full Name</b>   | serum albumin preproprotein                                                                    |

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| NCBI Official Synonym Full Names | albumin                                                                                                          |
| NCBI Official Symbol             | ALB                                                                                                              |
| NCBI Official Synonym Symbols    | PRO0883; PRO0903; PRO1341                                                                                        |
| NCBI Protein Information         | serum albumin; albumin (32 AA); albumin (AA 34); growth-inhibiting protein 20; cell growth inhibiting protein 42 |
| UniProt Protein Name             | Serum albumin                                                                                                    |
| UniProt Gene Name                | <b>ALB</b>                                                                                                       |
| UniProt Entry Name               | ALBU_HUMAN                                                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/albumin-antibody-clone-jf32-10-western-blot-immunohistochemistry-elisa/30286>