ALBUMIN MAB

Albumin Monoclonal Antibody

Cat. #: 26090

Gene Symbol: ALB

Description: Anti-Albumin Mouse Monoclonal Antibody

Background: Albumin belongs to the ALB/AFP/VDB family. It comprises about one-half of the blood serum protein. Albumin functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones, and also plays a role in stabilizing extracellular fluid volume. Defects in Albumin will cause familial dysalbuminemic hyperthyroxinemia (FDH).

Immunogen: Albumin protein, human origin.

Applications: ELISA, WB, IHC

Recommended Dilutions:
ELISA: 1:1000-1:5000
WB: 1:1000-1:5000
IHC: 1:50-1:100

Concentration: 1 mg/ml

Host Species: Mouse

Format: Liquid

Clonality: Monoclonal

Isotype: IgG

Purity: Purified from ascites

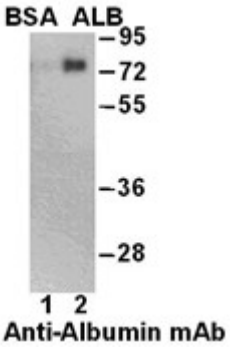
Preservative: No

Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Anti-Albumin antibody recognizes Albumin from vertebrates.

Storage Conditions: Store at -20°C. Avoid repeated freezing and thawing.

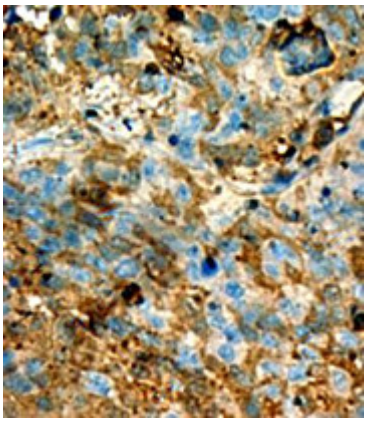
Western blot:



WB: Anti-Albumin mAb

Western blot analysis of Albumin(HSA) and BSA proteins.
Purified Albumin protein (lane 2) were blotted with anti Albumin monoclonal antibody (Cat. # 26090). BSA protein was loaded as a control (lane 1).

Immunohistochemistry:



Immunohistochemical analysis of paraffin-embedded liver cancer tissue with anti Albumin monoclonal antibody (Cat. #26090). Tissue samples were fixed with formaldehyde and blocked with 1% serum for 15 min at 37 °C. Antigen retrieval was by heat mediation in citrate buffer (pH6). Samples were then incubated with primary antibody (1:50) overnight at 4°C. A HRP-conjugated Goat anti-mouse IgG (dilution 1:50) was used as secondary antibody.