

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:**

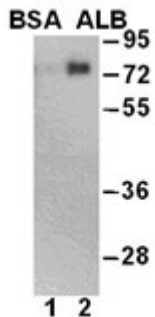
ELISA: 1:1000–1:5000

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 $-20^{\circ}C$. Avoid repeated freezing and thawing.

Western blot:

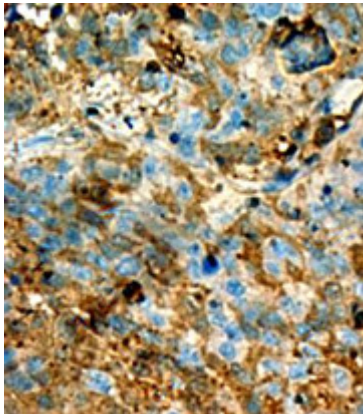


WB: Anti-Albumin mAb

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.