

## ALB monoclonal antibody

Catalog: MB22961

Host: Mouse

Reactivity: Human, Monkey

### Background:

This gene encodes the most abundant protein in human blood. This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine receptor. [provided by RefSeq, Jul 2016]

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

69.4kDa

### Swiss-Prot:

P02768

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC:1/200-1/1000 IF:1/200 - 1/1000 FC:1/200-1/400

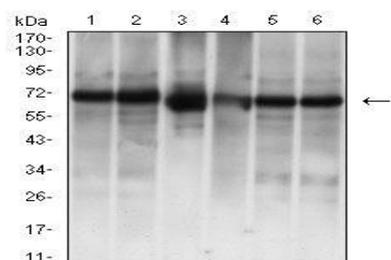
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

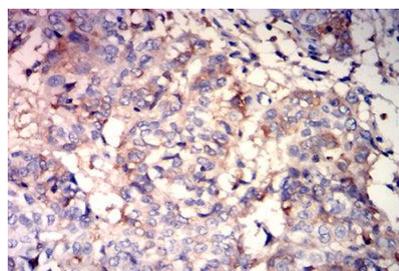
### Isotype:

Mouse IgG2b

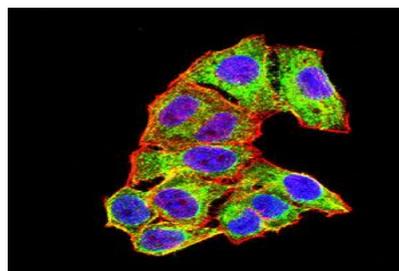
### DATA:



Western blot analysis using ALB mouse mAb against COS-7 (1), HepG2 (2), serum (3), Liver (4), BEL-7402 (5), and HL7702 (6) cell lysate.



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using ALB mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using ALB mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

### Bioworld Technology, Inc.

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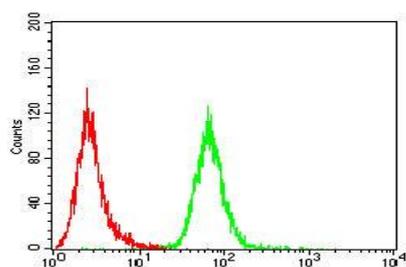
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Flow cytometric analysis of HepG2 cells using ALB mouse mAb (green) and negative control (red).

**Note:**

For research use only, not for use in diagnostic procedure.

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