

## **Human Serum Albumin mouse mAb**

Catalog No: YM1255

Reactivity: Human

**Applications:** WB;ELISA;sELISA

Target: Albumin

**Fields:** >>Thyroid hormone synthesis

Gene Name: alb

Human Gene Id: 213

**Human Swiss Prot** 

No:

**Mouse Swiss Prot** 

No:

Immunogen: Purified Human serum albumin.

P02768

P07724

**Specificity:** This antibody detects endogenous levels of Serum Albumin and does not cross-

react with related proteins.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Source:** Monoclonal, Mouse

**Dilution:** wb 1:1000

**Purification:** The antibody was affinity-purified from mouse ascites by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band:** 67kD

1/3



## **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],

## **Function:**

caution:A peptide arising from positions 166 to 174 was originally (PubMed:3087352 and PubMed:2437111) termed neurotensin-related peptide (NRP) or kinetensin and was thought to regulates fat digestion, lipid absorption, and blood flow., disease:A variant structure of albumin could lead to increased binding of zinc resulting in an asymptomatic augmentation of zinc concentration in the blood [MIM:194470]., disease:Defects in ALB are a cause of familial dysalbuminemic hyperthyroxinemia (FDH) [MIM:103600]. FDH is a form of euthyroid hyperthyroxinemia that is due to increased affinity of ALB for T(4). It is the most common cause of inherited euthyroid hyperthyroxinemia in Caucasian population., function:Serum albumin, the main protein of plasma, has a good binding capacity for water, Ca(2+), Na(+), K(+), fatty acids, hormones, bilirubin and drugs. Its main function is the regulation of the collo

S	u	b	C	el	Ιι	اد	a	ľ
L	O	C	at	ic	) 1	1		

Secreted.

**Expression:** 

Plasma.

Sort:

8227

No4:

4

Host:

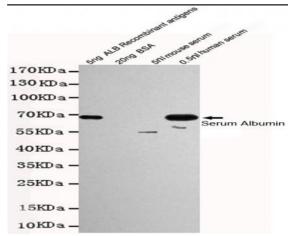
Mouse

**Modifications:** 

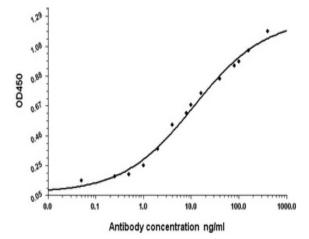
Unmodified

## **Products Images**

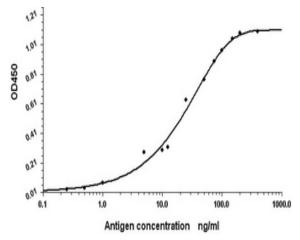
2/3



Western blot detection of Human Serum Albumin in 0.5nl human serum and 5ng ALB Recombinant antigens cell lysates using Human Serum Albumin mouse mAb (1:1000 diluted). Predicted band size:67KDa. Observed band size:67KDa.



Indirect ELISA assay for anti-Human Serum Albumin mouse mAb.Antigen coating concentration: 8ug/ml.



Standard Curve for Human Serum Albumin (Analyte: Human Serum Albumin protein); using Capture Antibody Mouse monoclonal [1A8-C5-B4] to Human Serum Albumin at 8µg/ml and Detector Antibody Rabbit polyclonal antiserum to Human Serum Albumin.