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Product Information

Recombinant Anti-Human alb Antibody Fab Fragment

Cat. No.: **MOM-18528-F(E)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment is directed against Human ALB, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

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 colloidal osmotic pressure of blood. Major zinc transporter in plasma, typically binds about 80% of all plasma zinc.

Specific Activity

Tested positive against native antigen.

Target

ALB

Immunogen

Human serum albumin.

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

CHO

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFOMATION

Gene Name

ALB albumin [Homo sapiens]

Official Symbol

ALB

Synonyms

ALB; albumin; serum albumin; albumin (32 AA); albumin (AA 34); growth-inhibiting protein 20; cell growth inhibiting protein 42; PRO0883; PRO0903; PRO1341; DKFZp779N1935;

Gene ID

213

mRNA Refseq

NM_000477

Protein Refseq

NP_000468

UniProt ID

P02768

Chromosome Location

4q13.3

Pathway

Bile acid and bile salt metabolism, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem; HDL-mediated lipid transport, organism-specific biosystem; Hemostasis, organism-specific biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem;

Function

DNA binding; antioxidant activity; cell surface binding; chaperone binding; copper ion binding; drug binding; drug binding; enzyme binding; fatty acid binding; fatty acid binding; metal ion binding; contributes_to oxygen binding; protein binding; pyridoxal phosphate binding; toxin binding; zinc ion binding;

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