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Product Information

Recombinant Anti-Human apob Antibody scFv Fragment

Cat. No.: **MOM-18276-S(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody scFv Fragment is directed against Human APOB, expressed in E. coli

Antigen Description

Apolipoprotein B is a major protein constituent of chylomicrons (apo B-48), LDL (apo B-100) and VLDL (apo B-100). Apo B-100 functions as a recognition signal for the cellular binding and internalization of LDL particles by the apoB/E receptor.

Specific Activity

Tested positive against native antigen.

Target

APOB

Source

Mouse

Species Reactivity

Human

Type

scFv

Expression Host

E. coli

Purity

Purity >95% by SDS-PAGE.

Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

Storage

Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing of samples.

ANTIGEN GENE INFOMATION

Gene Name

APOB apolipoprotein B (including Ag(x) antigen) [Homo sapiens]

Official Symbol

APOB

Synonyms

APOB; apolipoprotein B (including Ag(x) antigen); apolipoprotein B-100; apoB-48; apoB-100; apo B-100; mutant Apo B 100; apolipoprotein B48; FLDB; LDLCQ4

Gene ID

338

mRNA Refseq

NM_000384

Protein Refseq

NP_000375

UniProt ID

P04114

Chromosome Location

2p24-p23

Pathway

Cell surface interactions at the vascular wall, organism-specific biosystem; Chylomicron-mediated lipid transport, organism-specific biosystem; FOXA1 transcription factor network, organism-specific biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Hemostasis, organism-specific biosystem; LDL-mediated lipid transport, organism-specific biosystem;

Function

cholesterol transporter activity; enzyme binding; heparin binding; lipid transporter activity; low-density lipoprotein particle receptor binding; phospholipid binding; protein heterodimerization activity;

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