

Product Information

Recombinant Anti-Human apoc3 Antibody

Cat. No.: **MOM-18277**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is against Human APOC3, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Inhibits lipoprotein lipase and hepatic lipase and decreases the uptake of lymph chylomicrons by hepatic cells. This suggests that it delays the catabolism of triglyceride-rich particles.

Specific Activity

Tested positive against native antigen.

Target

APOC3

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0% as determined by analysis by SDS-PAGE.

Applications

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

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

ANTIGEN GENE INFORMATION

Gene Name

[APOC3 apolipoprotein C-III \[Homo sapiens \]](#)

Official Symbol

APOC3

Synonyms

APOC3; apolipoprotein C-III; apo-CIII; ap \geq C-III; apolipoprotein C3; HALP2; APOCIII; MGC150353

Gene ID

[345](#)

mRNA Refseq

[NM_000040](#)

Protein Refseq

[NP_000031](#)

MIM

[107720](#)

UniProt ID

P02656

Chromosome Location

11q23-qter

Pathway

Chylomicron-mediated lipid transport, organism-specific biosystem; HDL-mediated lipid transport, organism-specific biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem;

Function

cholesterol binding; enzyme regulator activity; high-density lipoprotein particle receptor binding; lipase inhibitor activity; phospholipid binding;