SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

Recombinant Human Anti-Human ApoCIII Monoclonal Antibody

Cat. No.: **HOM-19220**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant humanized antibody expressed in CHO binding to human ApoCIII.

Antigen Description

Apolipoprotein C-III also known as apo-CIII is a protein that in humans is encoded by the APOC3 gene. Apo-CIII is a component of very low density lipoprotein (VLDL).

Target

APOC3

Species Reactivity

Human

Type

Human IgG

Expression Host

CHO

Clone

Monoclonal

Purity

>95.0% as determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

ELISA, WB, IHC, FCM, IP, IF. Optimal dilutions/concentrations should be determined by the end user.

Molecular Weight

145.41 kDa

Stability

Samples are stable for up to twelve months from date of receipt at - 20°C and are stable for six months at 4 °C.

Storage

Store it under sterile conditions at -20 °C upon receiving. Recommend to pack the antibody into smaller quantities for optimal storage.

Ship

2-8°C, BLUE ICE

ANTIGEN GENE INFOMATION

Gene Name

APOC3 apolipoprotein C-III [Homo sapiens]

Official Symbol

APOC3

Synonyms

APOC3; apolipoprotein C-III; apo-CIII; apoC-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;

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com