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Product Information

Recombinant Anti-Human ctgf Antibody Fab Fragment

Cat. No.: **MOM-18546-F(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment is against Human CTGF, expressed in E. coli

Antigen Description

Major connective tissue mitoattractant secreted by vascular endothelial cells. Promotes proliferation and differentiation of chondrocytes. Mediates heparin- and divalent cation-dependent cell adhesion in many cell types including fibroblasts, myofibroblasts, endothelial and epithelial cells. Enhances fibroblast growth factor-induced DNA synthesis.

Specific Activity

Tested positive against native antigen.

Target

CTGF

Immunogen

The details of the immunogen for this antibody are not available.

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

E. coli

Purity

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

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF 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 INFOMATION

Gene Name

CTGF connective tissue growth factor [Homo sapiens]

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Official Symbol

CTGF

Synonyms

CTGF; connective tissue growth factor; CCN2; IGFBP8; IBP-8; IGFBP-8; CCN family member 2; IGF-binding protein 8; hypertrophic chondrocyte-specific protein 24; insulin-like growth factor-binding protein 8; NOV2; HCS24; MGC102839;

Gene ID

1490

mRNA Refseq

NM_001901

Protein Refseq

NP_001892

MIM

121009

UniProt ID

P29279

Chromosome Location

6q23.2

Pathway

Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPARA Activates Gene Expression, organism-specific biosystem; Regulation of Lipid Metabolism by Peroxisome proliferator-activated receptor alpha (PPARalpha), organism-specific biosystem;

Function

fibronectin binding; growth factor activity; heparin binding; insulin-like growth factor binding;

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