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Product Information

Recombinant Anti-Human pla2g2a Antibody Fab Fragment

Cat. No.: **MOM-18472-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 PLA2G2A, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Thought to participate in the regulation of the phospholipid metabolism in biomembranes including eicosanoid biosynthesis. Catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides.

Specific Activity

Tested positive against native antigen.

Target

PLA2G2A

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

CHO

Purity

>95.0% as determined by analysis by RP-HPLC.

Applications

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

Storage

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

ANTIGEN GENE INFOMATION

Gene Name

PLA2G2A phospholipase A2, group IIA (platelets, synovial fluid) [Homo sapiens]

Official Symbol

PLA2G2A

Synonyms

PLA2G2A; phospholipase A2, group IIA (platelets, synovial fluid); PLA2B, PLA2L; phospholipase A2, membrane associated; NPS-PLA2; GIIC sPLA2; group IIA phospholipase A2; phosphatidylcholine 2-acylhydrolase 2A; non-pancreatic secretory phospholipase A2; MOM1; PLA2; PLA2B; PLA2L; PLA2S; PLAS1; sPLA2

Gene ID

5320

mRNA Refseq

NM_000300

Protein Refseq

NP_000291

MIM

172411

UniProt ID

P14555

Chromosome Location

1p35

Pathway

Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Eicosanoid Synthesis, organism-specific biosystem; Ether lipid metabolism, organism-specific biosystem; Ether lipid metabolism, conserved biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem;

Function

calcium ion binding; calcium-dependent phospholipase A2 activity; hydrolase activity; phospholipase A2 activity; phospholipid binding;

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