

Product Information

Recombinant Anti-Human pla2g2a Antibody

Cat. No.: **MOM-18472**

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

Product Overview

Recombinant Mouse Antibody is specific to 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

IgG

Expression Host

CHO

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Applications

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

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFORMATION

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;