

Product Information

Recombinant Anti-Human pla2g2a Antibody scFv Fragment

Cat. No.: **MOM-18472-S(P)**

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

Product Overview

Recombinant Mouse Antibody scFv Fragment is bind to Human PLA2G2A, expressed in E. coli

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

scFv

Expression Host

E. coli

Purity

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

Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

Storage

Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing of samples.

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;