

Product Information

Recombinant Anti-Human gp6 Antibody Fab Fragment

Cat. No.: **MOM-18373-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 GP6, expressed in E. coli

Antigen Description

Glycoprotein VI (GPVI) is a membrane glycoprotein receptor for collagen found in platelets. GPVI plays an important role in platelet procoagulant activity which may contribute to arterial and venous thrombus formation. GPVI is expressed in megakaryocytes and platelets. Patients deficient in GPVI suffer from mild hemorrhagic diathesis and their platelets fail to aggregate in response to collagen. There are three isoforms.

Specific Activity

Tested positive against native antigen.

Target

GP6

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 INFORMATION

Gene Name

[GP6 glycoprotein VI \(platelet\) \[Homo sapiens \]](#)

Official Symbol

GP6

Synonyms

GP6; glycoprotein VI (platelet); platelet glycoprotein VI; GPVI; glycoprotein 6; platelet collagen receptor; GPIV; BDPLT11; MGC138168

Gene ID

[51206](#)

mRNA Refseq

[NM_001083899](#)

Protein Refseq

[NP_001077368](#)

MIM

[605546](#)

UniProt ID

Q9HCN6

Chromosome Location

19q13.4

Pathway

Cell surface interactions at the vascular wall, organism-specific biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; GPVI-mediated activation cascade, organism-specific biosystem; Hemostasis, organism-specific biosystem; Platelet Adhesion to exposed collagen, organism-specific biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem;

Function

collagen binding; protein binding; receptor activity; transmembrane signaling receptor activity;