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# Product Information

## Recombinant Anti-Human gp6 Antibody scFv Fragment

Cat. No.: **MOM-18373-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 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

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

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

## ANTIGEN GENE INFOMATION

### 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;

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