

GPV1 Blocking Peptide
Catalog # PBV10368b**Specification**

GPV1 Blocking Peptide - Product Information

Primary Accession	O9HCN6
Gene ID	51206
Calculated MW	36866

GPV1 Blocking Peptide - Additional Information**Gene ID** 51206**Application & Usage**

The peptide is used for blocking the antibody activity of GPVI. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

Platelet glycoprotein VI, GPVI, Glycoprotein 6, GP6

Target/Specificity

GPV1

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

GPV1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

GPV1 Blocking Peptide - Protein Information**Name** GP6 ([HGNC:14388](#))**Function**

Collagen receptor involved in collagen-induced platelet adhesion and activation. Plays a key role in platelet procoagulant activity and subsequent thrombin and fibrin formation. This procoagulant function may contribute to arterial and venous thrombus formation. The signaling pathway involves the FcR gamma-chain, the Src kinases (likely FYN or LYN) and SYK, the adapter protein

LAT and leads to the activation of PLCG2.

Cellular Location

[Isoform 1]: Cell membrane; Single-pass membrane protein

Tissue Location

Megakaryocytes and platelets.

GPV1 Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GPV1 Blocking Peptide - Images