

GP9 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17797b**Specification**

GP9 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [P14770](#)

GP9 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 2815

Other Names

Platelet glycoprotein IX, GP-IX, GPIX, Glycoprotein 9, CD42a, GP9

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GP9 Antibody (C-term) Blocking Peptide - Protein Information

Name GP9

Function

The GPIb-V-IX complex functions as the vWF receptor and mediates vWF-dependent platelet adhesion to blood vessels. The adhesion of platelets to injured vascular surfaces in the arterial circulation is a critical initiating event in hemostasis. GP-IX may provide for membrane insertion and orientation of GP-Ib.

Cellular Location

Membrane; Single-pass type I membrane protein.

GP9 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GP9 Antibody (C-term) Blocking Peptide - Images**GP9 Antibody (C-term) Blocking Peptide - Background**

This gene encodes a small membrane glycoprotein found on the surface of human platelets. It forms a 1-to-1 noncovalent complex with glycoprotein Ib, a platelet surface membrane glycoprotein complex that functions as a receptor for von Willebrand factor. The complete receptor complex includes noncovalent association of the alpha and beta subunits with the protein encoded by this gene and platelet glycoprotein V. Defects in this gene are a cause of Bernard-Soulier syndrome, also known as giant platelet disease. These patients have unusually large platelets and have a clinical bleeding tendency. [provided by RefSeq].

GP9 Antibody (C-term) Blocking Peptide - References

Munday, A.D., et al. J. Thromb. Haemost. 8(1):163-172(2010) Mo, X., et al. J. Thromb. Haemost. 7(9):1533-1540(2009) Mangin, P.H., et al. J. Thromb. Haemost. 7(9):1550-1555(2009) Strassel, C., et al. Haematologica 94(6):800-810(2009) Zieger, B., et al. Hamostaseologie 29(2):161-167(2009)