

GP9 rabbit monoclonal antibody

Catalog # H00002815-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GP9 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GP9 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human GP9 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — GP9

Entrez GeneID [2815](#)

GeneBank Accession# [GP9](#)

Gene Name GP9

Gene Alias CD42a, GPIX

Gene Description glycoprotein IX (platelet)

Omim ID [173515 231200](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations platelet glycoprotein IX

Pathway

- [ECM-receptor interaction](#)
- [Hematopoietic cell lineage](#)

Disease

- [Bernard-Soulier Syndrome](#)
- [Blood Platelet Disorders](#)
- [Brain Ischemia](#)
- [Genetic Predisposition to Disease](#)

- [Graft Occlusion](#)
- [Kidney Failure](#)
- [Recurrence](#)
- [Stroke](#)
- [Thalassemia](#)
- [Thrombocytopenia](#)
- [Thrombosis](#)
- [von Willebrand Disease](#)