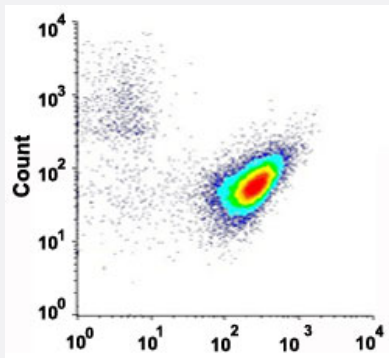


GP9 monoclonal antibody, clone GR-P (FITC)

Catalog # MAB13905 Size 5 x 100 reactions

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood leukocytes with GP9 monoclonal antibody, clone GR-P (FITC) (Cat # MAB13905).

Specification

Product Description Mouse monoclonal antibody raised against human GP9.

Immunogen Human red blood cells and platelets.

Host Mouse

Theoretical MW (kDa) 17-22

Reactivity Human

Form Liquid

Conjugation FITC

Purification Protein A/G purification

Purity >90%

Isotype IgG2a, kappa

Recommend Usage Flow Cytometry (20 μ L/ 10^6 cells)
The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

Flow cytometric analysis of human peripheral blood leukocytes with GP9 monoclonal antibody, clone GR-P (FITC) (Cat # MAB13905).

Gene Info — GP9

Entrez GeneID	2815
Protein Accession#	P14770
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](#)