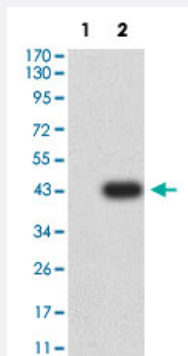


GP9 monoclonal antibody, clone 4E2G7

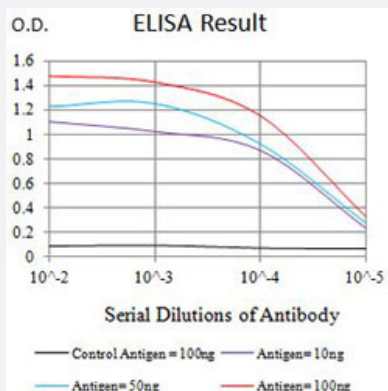
Catalog # MAB21324 Size 100 ug

Applications



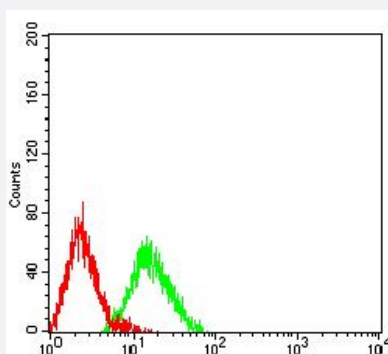
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: GP9-hlgGFc transfected HEK293 cell lysates with GP9 monoclonal antibody, clone 4E2G7 (Cat # MAB21324).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with GP9 monoclonal antibody, clone 4E2G7 (Cat # MAB21324).



Flow Cytometry

Flow cytometric analysis of HL-60 cells with GP9 monoclonal antibody, clone 4E2G7 (Cat # MAB21324) (Green). Red: Negative Control.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human GP9.
Immunogen	Recombinant protein corresponding to amino acids 17-147 of human GP9.
Host	Mouse
Theoretical MW (kDa)	19
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: GP9-hlgFc transfected HEK293 cell lysates with GP9 monoclonal antibody, clone 4E2G7 (Cat # MAB21324).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with GP9 monoclonal antibody, clone 4E2G7 (Cat # MAB21324).

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Flow cytometric analysis of HL-60 cells with GP9 monoclonal antibody, clone 4E2G7 (Cat # MAB21324) (Green). Red: Negative Control.

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](#)