

Datasheet for ABIN7193213
anti-CD42a antibody (AA 17-147)[Go to Product page](#)

4 Images

Overview

Quantity:	0.1 mg
Target:	CD42a (GP9)
Binding Specificity:	AA 17-147
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD42a antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD42A (AA: extra 17-147) expressed in E. coli.
Clone:	4E2G7
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD42a (GP9)
Alternative Name:	CD42A (GP9 Products)
Background:	Description: This gene encodes a small membrane glycoprotein found on the surface of human

Target Details

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.

Aliases: GP9, GPIX

Molecular Weight:	19 kDa
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Gene ID:	2815
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A
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Restrictions:	For Research Use only
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Handling

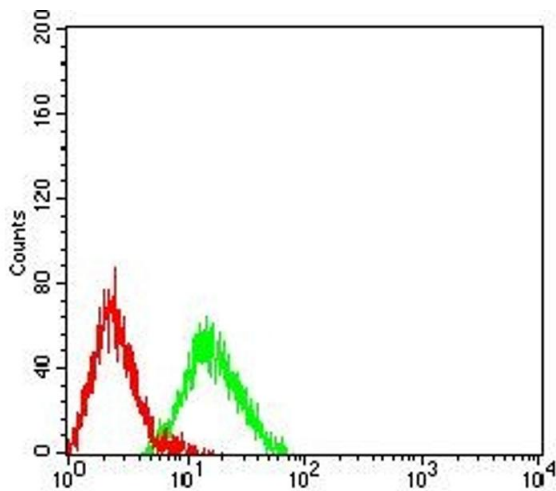
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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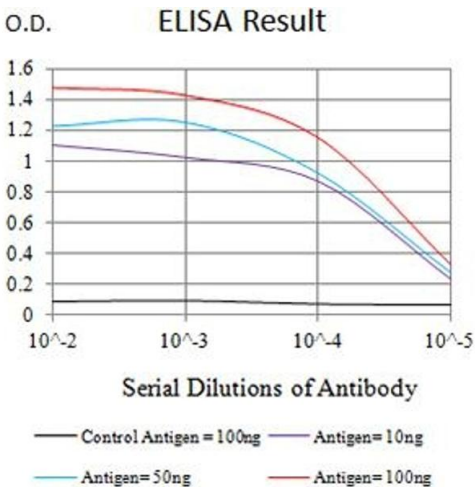
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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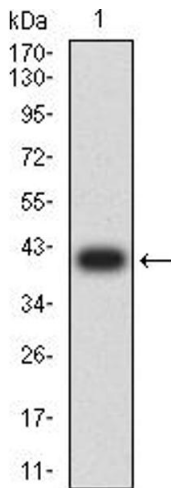
Flow Cytometry

Image 1. Flow cytometric analysis of HL-60 cells using CD42A mouse mAb (green) and negative control (red).



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using CD42A mAb against human CD42A (AA: extra 17-147) recombinant protein. (Expected MW is 40.3 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193213.