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# PerCP/Cyanine5.5 Anti-Human CD42a Antibody[ALMA.16]

Catalog Number: AN00846J

Note: Centrifuge before opening to ensure complete recovery of vial contents.

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Descri	ntion
DESCII	

Reactivity Human Host Mouse

**Isotype** Mouse IgG1, κ **Clone No.** ALMA.16

**Isotype Control** PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792J]

**Conjugation** PerCP/Cyanine 5.5

**Conjugation Information** PerCP/Cyanine 5.5 is designed to be excited by the blue laser (488 nm) and detected

using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).

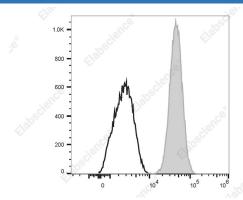
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

# Applications Recommended usage

**FCM** 

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

# Data



Staining of normal human peripheral blood platelets with PerCP/Cyanine5.5 Anti-Human CD42a Antibody[ALMA.16] (filled gray histogram) or PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control (empty black histogram).

#### **Preparation & Storage**

**Storage** Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

#### **Antigen Information**

Alternate Names GPIX;Glycoprotein IX;GP9;Glycoprotein 9;AN00846

 Uniprot ID
 P14770

 Gene ID
 2815

# For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web:www.elabscience.com Email:techsupport@elabscience.com

# Elabscience Bionovation Inc.



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# **Background**

Single-chain membrane glycoprotein that forms a non-covalent complex with GPlb. ( MW 23 kDa) Reactivity with resting and activated platelets, weakly on monocytes, megakaryocytes and attachment site for the platelet plasma membrane to the submembrane cytoskeleton. GPIb/IX complex, functions as the receptor for ristocetininduced binding of von Willebrand factor and as the von Willebrand factor-depend adhesion receptor.

Tel: 1-832-243-6086 Fax: 1-832-243-6017 Toll-free: 1-888-852-8623 Web:www.elabscience.com