

## FITC Anti-Human CD42a Antibody[ALMA.16]

Catalog Number: AN00846C

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

### Description

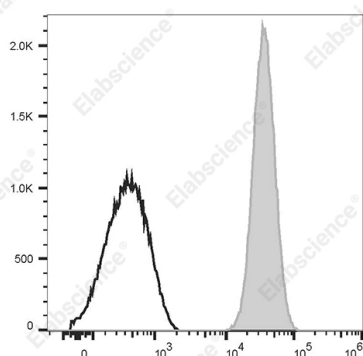
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, $\kappa$
<b>Clone No.</b>	ALMA.16
<b>Isotype Control</b>	FITC Mouse IgG1, $\kappa$ Isotype Control[MOPC-21] [Product E-AB-F09792C]
<b>Conjugation</b>	FITC
<b>Conjugation Information</b>	FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### Applications

### Recommended usage

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



Staining of normal human peripheral blood platelets with FITC Anti-Human CD42a Antibody[ALMA.16] (filled gray histogram) or FITC Mouse IgG1,  $\kappa$  Isotype Control (empty black histogram).

### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	GP1X;Glycoprotein IX;GP9;Glycoprotein 9;AN00846
<b>Uniprot ID</b>	P14770
<b>Gene ID</b>	2815

### For Research Use Only

## Background

Single-chain membrane glycoprotein that forms a non-covalent complex with GPIb. (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 ristocetin-induced binding of von Willebrand factor and as the von Willebrand factor-dependent adhesion receptor.