

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 700 Anti-Mouse CD41 Antibody[MWReg30]

Catalog Number: E-AB-F1183UM1

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

Description

Reactivity Mouse Host Rat

IsotypeRat IgG1, κClone No.MWReg30

Isotype Control Elab Fluor® 700 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09823M1]

Conjugation Elab Fluor® 700

Conjugation Information Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).

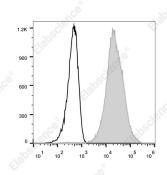
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 μ g/10⁶ cells in 100 μ L volume].

Data



Staining of normal C57BL/6 murine peripheral blood cells

with Elab Fluor[®] 700 Anti-Mouse CD41 Antibody[MWReg30] (filled gray histogram) or Elab Fluor[®] 700 Rat IgG1, κ Isotype Control(empty black histogram).Cells in the platelets gate were used for analysis.

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 CD41;GPIlb;GPalpha lib;ltga2b

 Uniprot ID
 Q9QUM0

 Gene ID
 16399

For Research Use Only

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Background

Elabscience®

CD41, also known as integrin α 2b and GPIlb, is a transmembrane glycoprotein that is expressed by platelets and megakaryocytes. It was reported that CD41 is also expressed on hematopoietic progenitors. CD41 associates with CD61 (integrin β 3) to form complexes that interact with fibrinogen, fibronectin, von Willebrand factor, and thrombin. CD41 is required for platelet adhesion and aggregation. Defect of CD41 leads to disorders of coagulation.