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PE/Cyanine7 Anti-Mouse CD41 Antibody[MWReg30]

Catalog Number: E-AB-F1183H

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG1, ĸ Clone No. MWReg30

PE/Cyanine7 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822H] Isotype Control

PE/Cyanine 7 Conjugation

Conjugation Information PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm

(e.g., a 780/60 nm bandpass filter).

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

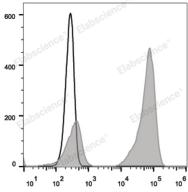
Applications Recommended usage

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 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



C57BL/6 murine platelets are stained with PE/Cyanine7 Anti-Mouse CD41 Antibody (filled gray histogram). Unstained platelets (empty black histogram) are used as control.

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.

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