

A Reliable Research Partner in Life Science and Medicine

APC Anti-Mouse CD41 Antibody[MWReg30]

Catalog Number: E-AB-F1183E

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

Description

Reactivity Mouse Host Rat

IsotypeRat IgG1, κClone No.MWReg30

Isotype Control APC Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822E]

Conjugation APC

Conjugation Information APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

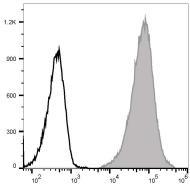
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ 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 mouse platelets with APC Anti-Mouse CD41 Antibody[MWReg30] (filled gray histogram) or APC Rat 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

Rev. V1.5

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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