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APC Anti-Mouse CD41 Antibody[MWReg30]

Catalog Number: E-AB-F1183UE

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-F09823E]

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).

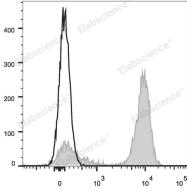
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. 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



Mouse platelets are stained with APC 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

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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