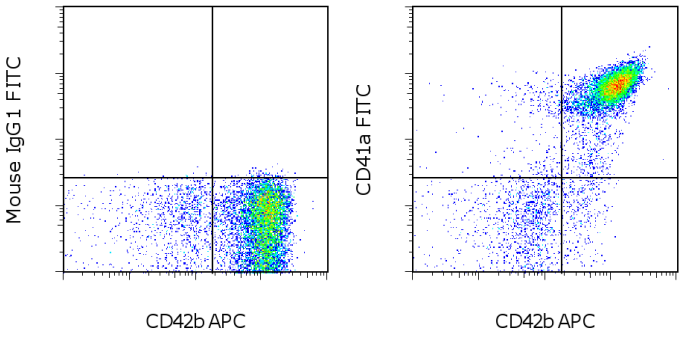
Anti-Human CD41a FITC

Catalog Number: 11-0419
RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of human platelets with Anti-Human CD42b APC and Mouse IgG1 K Isotype Control FITC (cat. 11-4714) (left) or Anti-Human CD41a FITC (right). Total events were used for analysis.

Product Information

Contents: Anti-Human CD41a FITC
REF **Catalog Number:** 11-0419
Clone: HIP8
Concentration: 5 uL (0.25 ug)/test
Host/Isotype: Mouse IgG1, kappa
HLDA Workshop: IV P38

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.
LOT **Batch Code:** Refer to vial
Use By: Refer to vial
Caution, contains Azide

Description

The HIP8 monoclonal antibody reacts with the human CD41 molecule, the integrin α_{IIb} also known as platelet GPIIb. CD41 non-covalently associates with integrin β_3 (GPIIIa, CD61) and is expressed by megakaryocytes and platelets. The CD41/CD61 complex is a receptor for fibronectin, fibrinogen, von Willebrand factor, vitronectin and thrombospondin and mediates platelets aggregation. HIP8 blocks platelet aggregation.

Applications Reported

The HIP8 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This HIP8 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 5 µL (0.25 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

References

Schlossman, S., L. Bloumsell, et al. eds (1995). Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York.

Knapp, W., B. Dorken, et al. eds. (1989). Leucocyte Typing IV: White Cell Differentiation Antigens. Oxford University Press. New York.

Related Products

11-4714 Mouse IgG1 K Isotype Control FITC (P3.6.2.8.1)
12-0429 Anti-Human CD42b PE (HIP1)

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