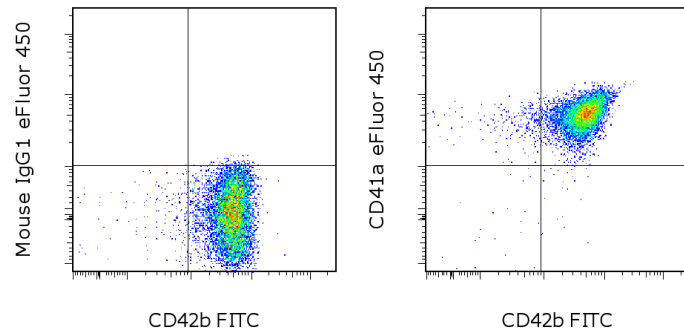


Anti-Human CD41a eFluor[®] 450

Catalog Number: 48-0419

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of human platelets with Anti-Human CD42b FITC (cat. 11-0429) and Mouse IgG1 K Isotype Control eFluor[®] 450 (cat. 48-4714) (left) or Anti-Human CD41 eFluor[®] 450 (right). Total events were used for analysis.

Product Information

Contents: Anti-Human CD41a eFluor[®] 450

Catalog Number: 48-0419

Clone: HIP8

Concentration: 5 μ L (0.5 μ g)/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.

Batch Code: Refer to vial

Use By: Refer to vial

Contains sodium azide

REF



LOT



Description

The HIP8 monoclonal antibody reacts with the human CD41 molecule, the integrin alpha IIb also known as platelet GPIIb. CD41 non-covalently associates with integrin beta3 (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

This 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 platelets. This can be used at 5 μ L (0.5 μ g) per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

eFluor[®] 450 is a replacement for Pacific Blue[®]. eFluor[®] 450 emits at 456 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochrome.

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

11-0429 Anti-Human CD42b FITC (HIP1)

12-0619 Anti-Human CD61 (Integrin beta 3) PE (VI-PL2)

48-4714 Mouse IgG1 K Isotype Control eFluor[®] 450 (P3.6.2.8.1)

Not for further distribution without written consent.

Copyright © 2000-2012 eBioscience, Inc.

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.ebioscience.com •
info@ebioscience.com

Anti-Human CD41a eFluor® 450

Catalog Number: 48-0419

RUO: For Research Use Only. Not for use in diagnostic procedures.

Not for further distribution without written consent.

Copyright © 2000-2012 eBioscience, Inc.

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.ebioscience.com •
info@ebioscience.com