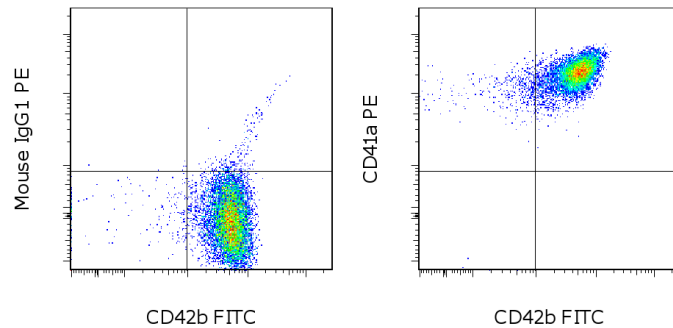


## Anti-Human CD41a PE

**Catalog Number:** 12-0419

**Also known as:** Integrin alpha IIb, platelet GPIIb

**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 PE (cat. 12-4714) (left) or Anti-Human CD41a PE (right). Total viable cells were used for analysis.

### Product Information



**Contents:** Anti-Human CD41a PE

**Catalog Number:** 12-0419

**Clone:** HIP8

**Concentration:** 5 uL (0.125 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.



**Batch Code:** Refer to vial



**Use By:** Refer to vial



**Contains sodium azide**

### 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

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 (0.125 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<sup>5</sup> to 10<sup>8</sup> 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

11-0418 Anti-Human CD41b FITC (HIP2)

11-0429 Anti-Human CD42b FITC (HIP1)

12-4714 Mouse IgG1 K Isotype Control PE (P3.6.2.8.1)

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