

PerCP/Cyanine5.5 Anti-Human CD41 Antibody[HIP8]

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|--------------------|--|---------------------|-------|
| Catalog No. | E-AB-F1088J | Reactivity | Human |
| Storage | Store at 2~8°C, Avoid freeze / thaw cycles | Applications | FCM |

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

Antigen Information

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| Alternate Names | Integrin alpha-Iib,ITGA2B,GPalph Iib,GPIIb,Platelet membrane glycoprotein Iib,CD41,GP2B,ITGAB |
| Uniprot ID | P08514 |
| Background | CD41 is a 125/25 kD α subunit of the gpIIb/IIIa (CD41/CD61) complex. CD41 is a heterodimer composed of a heavy chain (gpIIb α) and light chain (gpIIb β) linked by a single disulfide bond. It is a member of the integrin family primarily expressed on platelets and megakaryocytes. CD41 has been reported to be involved with platelet aggregation and platelet attachment to the ECM. CD41/CD61 complex acts as the receptor for fibrinogen, fibronectin, Von Willebrand factor and thrombin. |

Product Details

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|--------------------------------|--|
| Form | Liquid |
| Size | 20Tests/100Tests/100Tests \times 2 |
| Clone No. | HIP8 |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Reactivity | Human |
| Application | FCM |
| Isotype Control | PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792J] |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |
| Shipping | Biological ice pack at 4 °C |
| Stability & Storage | Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light.Do not freeze. This product is guaranteed up to one year from purchase. |

Fluorophore

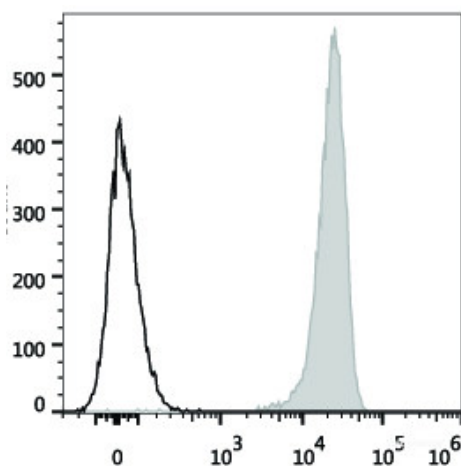
Conjugation: PerCP/Cyanine5.5

PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).

Recommended usage

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.

Product data



Human platelets are stained with PerCP/Cyanine5.5 Anti-Human CD41 Antibody (filled gray histogram). Unstained platelets (empty black histogram) are used as control.

Related Information

1. Sample Preparation for Flow Cytometry <https://www.elabscience.com/List-detail-5594.html>
2. Staining Cell Surface Targets for Flow Cytometry <https://www.elabscience.com/List-detail-5568.html>
3. Flow Cytometry Troubleshooting Tips <https://www.elabscience.com/List-detail-5593.html>
4. How to select the appropriate detection channel through the spectrogram? <https://www.elabscience.com/List-detail-459742.html>