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PerCP/Cyanine5.5 Anti-Human CD61 Antibody[HIP11]

Catalog Number: AN00657J

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

Description

Reactivity Human Host Mouse

 $\textbf{Isotype} \hspace{1cm} \textbf{Mouse IgG1, } \kappa$

Clone No. HIP11

Isotype Control PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792J]

Conjugation PerCP/Cyanine 5.5

Conjugation Information PerCP/Cyanine 5.5 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).

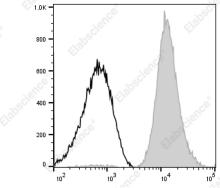
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM

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

Data



Staining of normal human peripheral blood cells with PerCP/Cyanine5.5 Anti-Human CD61 Antibody[HIP11] (filled gray histogram) or PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control (empty black histogram). Cells in the platelets gate were used for analysis.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping lce bag

Antigen Information

Alternate Names Integrin β3, gpllla;AN00657

 Uniprot ID
 P05106

 Gene ID
 3690

For Research Use Only

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Background

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CD61, also known as integrin β 3 and glycoprotein Illa (gpIlla), is a 90 kD type I integral transmembrane glycoprotein. It is a member of the integrin family, associating with platelet gpIlb (CD41) to form CD41/CD61 complex and with integrin αV (CD51) to form $\alpha V/\beta$ 3 (CD51/CD61) integrin. CD41/CD61 is expressed on platelets and megakaryocytes, and plays a role in platelet activation and aggregation through interaction with fibrinogen, fibronectin, WF, and other RGD-containing adhesion molecules. CD51/CD61 is expressed on platelets, osteoclasts, fibroblasts, macrophages, and some tumor cells involved in tumor metastasis, and in adenovirus infection through binding to RGD motif in extracellular matrix proteins.

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