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PE Anti-Human CD61 Antibody[VI-PL2]

Catalog No. E-AB-F1166D 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

Alternate Names GP3A,GPIIIa,ITGB3,Integrin beta-3

Uniprot ID P05106

Background CD61, also known as integrin β3 and glycoprotein IIIa (gpIIIa), is a 90 kD type I integral

transmembrane glycoprotein. It is a member of the integrin family, associating with platelet gpIIb

(CD41) to form CD41/CD61 complex and with integrin αV (CD51) to form αV/β3

(CD51/CD61) integrin. CD41/CD61 is expressed on platelets and megakaryocytes, and plays a role in platelet activation and aggregation through interaction with fibringen, fibronectin, vWF, 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.

Product Details

Form Liquid

20Tests/100Tests/100Tests×2 Size

Clone No. VI-PL2 Host Mouse Mouse IgG1, κ **Isotype**

Reactivity Human **Application FCM**

Isotype Control PE Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792D]

Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. **Storage Buffer**

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.

For Research Use Only

Toll-free: 1-888-852-8623 Email: techsupport@elabscience.com Web: www.elabscience.com

Tel: 1-832-243-6086 Fax: 1-832-243-6017

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Fluorophore

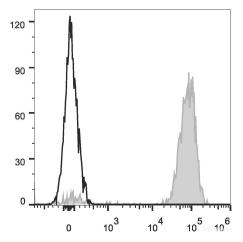
Conjugation: PE

PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 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 peripheral blood platelets are stained with PE Anti-Human CD61 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

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