

Fax: 1-832-243-6017



A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 450 Anti-Human CD61 Antibody[VI-PL2]

Catalog No. E-AB-F1166Q 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 Gene ID 3690

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 $\alpha V/\beta 3$

(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, 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

Application

Form Liquid

Size 20Tests/100Tests/100Tests×2

Clone No. VI-PL2 Host Mouse

Isotype Mouse IgG1, κ Reactivity Human

Elab Fluor[®] Violet 450 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F097920] **Isotype Control** 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.

FCM

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

Email: techsupport@elabscience.com Web: www.elabscience.com

A Reliable Research Partner in Life Science and Medicine

Fluorophore

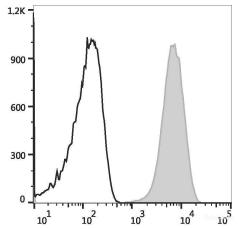
Conjugation: Elab Fluor® Violet 450

Elab Fluor[®] Violet 450 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 450 nm (e.g., a 450/45 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 Elab Fluor[®] Violet 450 Anti-Human CD61 Antibody (filled gray histogram) or Elab Fluor[®] Violet 450 Mouse IgG1, κ Isotype Control (empty black histogram).

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

For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086

 Web: www.elabscience.com
 Email: techsupport@elabscience.com