



CD61 (ITGB3, Integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61), GP3A, GPIIIa, Integrin beta-3, Platelet membrane glycoprotein IIIa)(FITC)

Catalog number

C2405-18B

Supplier

United States Biological

CD61 associates with either the alpha IIb integrin (CD41) or the alpha V integrin (CD51) at the cell surface. CD61 is expressed on platelets and megakaryocytes in association with CD41, and on endothelial cells, monocytes, platelets and osteoclasts in association with CD51. CD61 is a receptor for fibrinogen, fibronectin, vWF, vitronectin and thrombospondin.

Applications

Suitable for use in Flow Cytometry. Other applications not tested.

Recommended Dilution

Flow Cytometry: Neat; 10ul labels 10e6 cells in 100ul
Optimal dilutions to be determined by the researcher.

Hybridoma

Spleen cells from immunized Balb/c mice were fused with cells of the NS1 myeloma cell line.

Storage and Stability

Store product at 4°C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20°C. Aliquots are stable at -20°C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer.

Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Immunogen

PHA stimulated peripheral blood cells.

Formulation

Supplied as a liquid in PBS, pH 7.4, 1% BSA, 0.09% sodium azide. Labeled with Fluorescein Isothiocyanate Isomer 1(FITC).

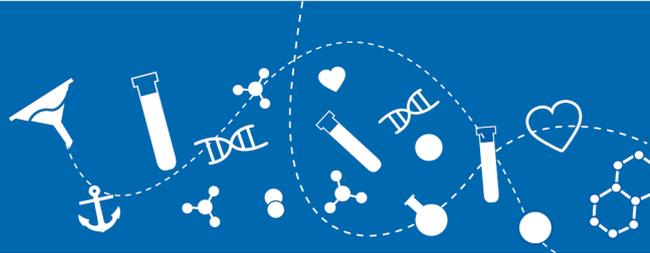
Purity

Purified by Protein G affinity chromatography from tissue culture supernatant.

Specificity

Recognizes human CD61, a 105kD glycoprotein, which is also known as integrin beta 3 chain.

Product Type



Mab

Source

human

Isotype

IgG1

Grade

Affinity Purified

Applications

FC

Crossreactivity

Hu

Storage

-20°C

Detection Method

FITC

Reference

1. Phillips, D.R. et al. (1991) Cell 65:359-362. 2. Hynes, R.O. (1992) Cell 69:11-25. 3. Michelson, A. D. et al. (1995) Leucocyte Typing V. Oxford University Press p 1230-1231. 4. Gatter, K. et al. (1998) Histopathology 13:257-267