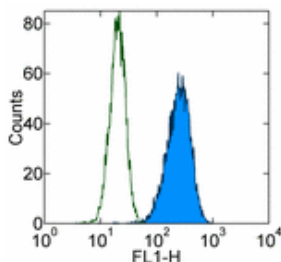


Anti-Human CD51/CD61 (Integrin α v β 3) FITC

Catalog Number: 11-0519

Also Known As: Integrin α v β 3, vitronectin Receptor

RUO: For Research Use Only



Staining of the M21 cell line with Mouse IgG1 κ Isotype Control FITC (cat. 11-4714) (open histogram) or Anti-Human CD51/CD61 (Integrin α v β 3) FITC (filled histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Human CD51/CD61 (Integrin α v β 3) FITC

REF Catalog Number: 11-0519

Clone: 23C6

Concentration: 5 μ l (1 μ g)/test

Host/Isotype: Mouse IgG1, κ

HLDA Workshop: IV P18

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

Description

The 23C6 monoclonal antibody reacts with the human CD51/CD61 dimer, also known as the integrin α v/ β 3. CD51, an ~120 kDa surface molecule can also non-covalently associate with other β subunits of the integrin family including β ₁ (CD29), β ₅ and β ₆ to form receptors for extracellular matrix components. Heterodimers of CD51/CD61 are expressed by melanoma cells, endothelial cells and osteoclasts and at very low levels by platelets. The CD51/CD61 complex mediates adhesion to fibrinogen, fibronectin, vitronectin and thrombospondin.

Applications Reported

The 23C6 antibody has been reported for use in flow cytometric analysis.

Applications Tested

The 23C6 antibody has been pre-titrated and tested by flow cytometric analysis of human melanoma cell line and peripheral blood leukocytes. This can be used at 5 μ l (1 μ g)/per test. A test is defined as the amount (μ g)/test of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.

References

Schlossman, S., L. Bloumsell, et al. eds (1995). Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York.

Related Products

11-4714 Mouse IgG1 K Isotype Control FITC

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