

Anti-Integrin b3 [Y2/51] mAb

Catalogue number: 151367

Sub-type: Primary antibody

Images:

Contributor

Inventor: Jacqueline Cordell

Institute: University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Integrin b3 [Y2/51] mAb

Alternate name: Integrin Subunit Beta; Integrin; Beta 3 (Platelet Glycoprotein IIIa; Antigen CD61); Platelet Membrane Glycoprotein IIIa; Antigen CD61; GPIIIa; GP3A; Platelet Glycoprotein IIIa; Integrin Beta 3; CD61 Antigen; BDPLT16; BDPLT2; CD61; GT

Class: Monoclonal

Conjugate: Unconjugated

Description: Monoclonal antibody which can detect CD61 marker on megakaryocytes.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Phytohaemagglutinin-stimulated peripheral blood cells

Immunogen UNIPROT ID: P05106

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Integrin α 3 (CD61; GPIIIa)

Target alternate names:

Target background: Integrins are heterodimeric cell surface receptors composed of alpha and beta subunits, which mediate cell-cell and cell-extracellular matrix attachments. Changes in integrin expression have been shown to be important for the growth and early metastatic capacity of melanoma cells and aberrant integrin expression has been found in many epithelial tumours. CD61/ integrin α 3 is a glycoprotein found on megakaryocytes, osteoclasts, platelets and their precursors. CD61 antigen plays a role in platelet aggregation and also as a receptor for fibrinogen, fibronectin, von Willebrand factor and vitronectin. This antibody is widely used as a marker of megakaryocytes in bone marrow trephines.

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC ; IF ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: Store at -20° C frozen. Avoid repeated freeze / thaw cycles

Shipping conditions: Shipping at 4° C

Related tools

Related tools: Anti-Integrin α 3 [Y2/51] recombinant antibody

References

References: Bossy D et al. 1995. Eur. J. Immunol. 25(2):459-65. PMID: 7875209

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