

Anti-Integrin b3 [MHF4]

Catalogue number: 151133

Sub-type: Primary antibody

Images: https://res.cloudinary.com/ximbio/image/upload/c_fit/ce49a21a-c849-454d-9eac-4a911bf584f1.jpg

Contributor

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Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Integrin b3 [MHF4]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: The MHF4 epitope is different to the F11 epitope.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human ; Rat

Selectivity:

Host: Mouse

Immunogen: A bone cell suspension containing osteoclasts, osteoblasts and bone marrow cells obtained from the long bones of newborn Sprague Dawley rats.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: The antigen is found in granule components of mast cells.

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Integrin β 3 chain (CD61)

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. Aberrant integrin expression has been found in many epithelial tumours. Changes in integrin expression have been shown to be important for the growth and early metastatic capacity of melanoma cells. Integrin β 3 is expressed in osteoclasts, megacaryocytes and platelets. MHF4 may be used to identify osteoclasts in tissue sections and bone cell suspensions.

Molecular weight: 118/100

Ic50:

Applications

Application: FACS ; IHC ; FACS ; IHC ; IF ; IP

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: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Rimmer et al. 1987. Clin Exp Immunol. 68(3):712-8. PMID: 3308221. ; Origin of human mast cells studied by dual immunofluorescence. ; Rimmer et al. 1984. J Clin Pathol. 37(11):1249-55. PMID: 6389604. ; Human mast cells detected by monoclonal antibodies.

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