

Anti-Integrin aVb3 [23C6]

Catalogue number: 151039

Sub-type: Primary antibody

Images:

Contributor

Inventor: Mike Horton

Institute: Queen Mary University of London

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Integrin aVb3 [23C6]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: 23C6 reacts with the alpha V/beta 3 integrin (CD51/CD61). 23C6 may be useful for bone resorption modulation, osteoclast identification, receptor purification, malignant melanoma identification and treatment.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: A cell suspension containing osteoclasts from osteoclastomas.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Tonsil

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Integrin alpha V B3 (CD51/61; Osteoclast Fn Antigen)

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 alpha V associates with integrin beta3 to form the osteoclast Fn antigen (vitronectin receptor). Integrin alpha V is found in osteoclasts, placenta, melanoma cell lines and some epithelial cell lines. Expression of integrin alpha V increases with melanoma progression.

Molecular weight: 125/124 kDa, 150 kDa

Ic50:

Applications

Application: FACS ; IHC ; IP ; Fn

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: Lukaszewicz et al. 2013. Clin Sci (Lond). 124(5):333-42. PMID: 22938512. ; Introgression of Brown Norway CYP4A genes on to the Dahl salt-sensitive background restores vascular function in SS-5(BN) consomic rats.

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