

Anti-Integrin b1 [4B7]

Catalogue number: 151222

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: Queen Mary University of London

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Integrin b1 [4B7]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: 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. Loss of integrin beta 1 is associated with the development of some epithelial tumours.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Ocular melanoma cell line V+B2

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Integrin α 1 (CD29)

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. Loss of integrin beta 1 is associated with the development of some epithelial tumours.

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC ; IF ; IP ; En

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: Savio et al. 2006. Cell Cycle. 5(18):2153-9. PMID: 16969115. ; Replication-dependent DNA damage response triggered by roscovitine induces an uncoupling of DNA replication proteins. ; Perucca et al. 2006. J Cell Sci. 119(Pt 8):1517-27. PMID: 16551699. ; Spatiotemporal dynamics of p21CDKN1A protein recruitment to DNA-damage sites and interaction with proliferating cell nuclear antigen. ; Prigent et al. 1994. Mol Cell Biol. 14(1):310-7. PMID: 8264597. ; Aberrant DNA repair and DNA replication due to an inherited enzymatic defect in human DNA ligase I.

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