

Anti-Integrin alpha 3 [F35 177-1]

Catalogue number: 151096

Sub-type: Primary antibody

Images:

Contributor

Inventor: Joyce Taylor-Papadimitriou

Institute: Cancer Research UK, London Research Institute: Lincoln's Inn Fields

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Integrin alpha 3 [F35 177-1]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Integrins are heterodimeric cell surface receptors composed of α and β 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 $\alpha 3$ is found on most cell types. Integrin $\alpha 3$ associates with $\beta 1$ integrin to form integrin $\alpha 3\beta 1$, which is one of the most abundant keratinocyte integrins and binds laminin 5.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: MTSV1-7 HYE - human breast epithelial cells.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Integrin α 3 (CD49c)

Target alternate names:

Target background: Integrins are heterodimeric cell surface receptors composed of α and β 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 α 3 is found on most cell types. Integrin α 3 associates with β 1 integrin to form integrin α 3 β 1, which is one of the most abundant keratinocyte integrins and binds laminin 5.

Molecular weight: 14 kDa

Ic50:

Applications

Application: IHC ; IF

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: Burchell et al. 1985. Hybridoma. 4(4):341-50. PMID: 3905581. ; Production and characterization of monoclonal antibodies to human casein. A monoclonal antibody that cross-reacts with casein and alpha-lactalbumin.

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