

Anti-Integrin alpha 6 [MP4F10]

Catalogue number: 151134

Sub-type: Primary antibody

Images: https://res.cloudinary.com/ximbio/image/upload/c_fit/42ca4436-492e-4821-8e1f-f01e752671c8.jpg

Contributor

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Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Integrin alpha 6 [MP4F10]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: MP 4F10 may be used in clinical studies for tumour grading as it will stain both moderately and well-differentiated colorectal adenocarcinoma.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: SW1222 human colorectal cell line.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Integrin alpha6 (CD49f)

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 6 is found on epithelial and endothelial basement membranes and colorectal carcinoma. Integrin alpha 6 associates with integrin beta 4 to form integrin $\alpha 6\beta 4$, one of the most abundant keratinocyte integrins, and binds laminin.

Molecular weight: 118/100

Ic50:

Applications

Application: IF ; ICC ; FACS ; IHC ; IP ; 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: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Human Adenovirus Type 37 Uses $\alpha V\beta 1$ and $\alpha 3\beta 1$ Integrins for Infection of Human Corneal Cells. ; Storm et al. 2016. J Virol. :. PMID: 27974569. ; Ballana et al. 2011. J Immunol. 186(1):464-70. PMID: 21098231. ; $\beta 5$ integrin is the major contributor to the αV integrin-mediated blockade of HIV-1 replication. ; Helfrich et al. 1992. J Bone Miner Res. 7(3):345-51. PMID: 1585837. ; Integrins on rat osteoclasts: characterization of two monoclonal antibodies (F4 and F11) to rat $\beta 3$.

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