
anti-Integrin B1(CD29)

Cat #: HM1075
Mouse monoclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Integrin β1 or CD29 belongs to the integrin family of cell adhesion receptors. Integrins are heterodimeric proteins made up of alpha and beta subunits. At least 18 alpha and 8 beta subunits have been described in mammals. Integrins are involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. Integrin β1 was initially characterized independently as protein gpIIa appearing on platelets, as the common Beta subunit of the very late activation antigen (VLA), and as a component of various protein complexes binding to extracellular matrix proteins. With the exception of red blood cells and possible weak expression on granulocytes, Integrin β1 is expressed nearly all cell and tissue types.

SPECIFICITY

This antibody specifically recognizes Integrin beta 1(CD29) of human and mouse origin.

The antibody can be used in Western blotting, immunoprecipitation and immunostaining.

IMMUNOGEN

Full-length recombinant human CD29 protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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5. Juliano, R. 1996. Cooperation between soluble factors and integrin-mediated cell anchorage in the control of cell growth and differentiation. *BioEssays* 18: 911-917.
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