
Anti-Integrin α 1

Cat #: HM1193
Mouse monoclonal IgG
0.2 μ g/ μ l, store at 4 °C

For research use only

BACKGROUND

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 alpha 1 heterodimerizes with the beta 1 subunit to form a cell-surface receptor for collagen and laminin. The heterodimeric receptor is involved in cell-cell adhesion and may play a role in inflammation and fibrosis. The alpha 1 subunit contains an inserted (I) von Willebrand factor type I domain which is thought to be involved in collagen binding.

SPECIFICITY

This antibody reacts with integrin α 1 of mouse, rat and human origin by Western Blotting and immunohistochemistry.

IMMUNOGEN

A peptide at the carboxy terminus of human integrin α 1.

STORAGE

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

REFERENCES

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