

Anti-Integrin $\alpha 1$

Cat #: HM1193
Mouse monoclonal IgG
0.2 $\mu\text{g}/\mu\text{l}$, 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 $\alpha 1$ of mouse, rat and human origin by Western Blotting and immunohistochemistry.

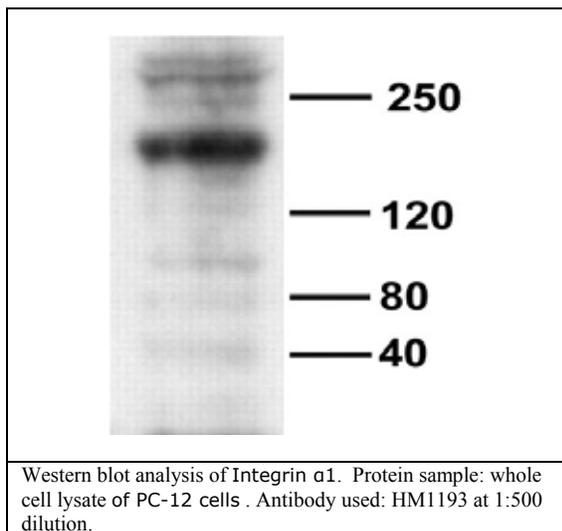
IMMUNOGEN

A peptide at the carboxy terminus of human integrin $\alpha 1$.

STORAGE

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

DATA



PRODUCT CITATIONS

If you used an antibody from Hypromatrix in a published study, we will give you an antibody of your choice for free.

REFERENCES

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