
Anti-Integrin $\alpha 5$

Cat #: HM1194
Rabbit polyclonal 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 5 undergoes post-translational cleavage in the extracellular domain to yield disulfide-linked light and heavy chains that join with beta 1 to form a fibronectin receptor.

SPECIFICITY

This antibody reacts with integrin $\alpha 5$ heavy chain of human origin by Western blotting and immunohistochemistry.

Molecular Weight of Integrin $\alpha 5$: 150 kDa. Western blotting positive control: IL-6 treated HeLa cells.

IMMUNOGEN

A peptide at the carboxy terminus of the heavy chain of human integrin $\alpha 5$.

STORAGE

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

REFERENCES

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4. Miyamoto, S., Akiyama, S.K., and Yamada, K.M. 1995. Synergistic roles for receptor occupancy and aggregation in integrin transmembrane function. *Science* 267: 883-885.
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