

DATA SHEET

PRODUCT NAME AND CLONE: The original BIOHIT Monoclonal antibody against **β1-INTEGRIN**, Clone DF5.

HOST: Mouse

IMMUNOGEN: Monoclonal antibody to β1-integrin is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells. Wheat germ agglutinin binding glycoproteins of human fibroblasts were used as immunogen.

CLASS AND SUBCLASS: IgG₁

PRODUCT SPECIFICITY: The antibody reacts with the β1 subunit of the integrin protein family and seems to be human specific. The antibody reacts with an extracellular epitope of the β1-integrin molecule.

PRODUCT CODE:
610008: 100 µg/ml vial 100 µg
610035: 100 µg/ml vial 1 mg.

PRODUCT BUFFER: PBS solution containing 1.0% (w/v) BSA and 0.09% (w/v) NaN₃.
Other MAb concentrations and buffer compositions are available upon request.

STORAGE: 2 to 8°C

APPLICATIONS: Immunohistochemical stainings, western blotting and other immunoassays for cellular and tumor biology. Mab DF5 does react with paraffin sections ⁽²⁾.

GUIDELINES FOR DILUTIONS: Working dilution in western blotting is at least 1:1000

REFERENCES:

1. Koukoulis G. et al. (1997) Human Pathol. 28, 84–90.
2. Bernardini N. et al. (1997) Tumori 83, 673–678.
3. Lohi J. et al. (1997) Histochem. J. 29, 337–345.
4. Virtanen I. et al. (1995) Am. J. Pathol. 150, 1421–1431.
5. Virtanen I. et al. (1995) Am. J. Pathol. 147, 1123–1132.
6. Korhonen M. et al. (1990) Lab. Invest. 62, 616–625.
7. Ylännä J. et al. (1990) Blood 76, 570–577.
8. Ylännä J. et al. (1989) Int. J. Cancer 43, 1126 - 1136.

The product is for research use and further manufacturing only. Use in human clinical diagnostics is the responsibility of the user.

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