

## DATA SHEET

PRODUCT NAME AND CLONE: The original BIOHIT Monoclonal antibody against **TENASCIN-C**, Clone DB7.

HOST: Mouse

IMMUNOGEN: Monoclonal antibody against tenascin is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells. Tenascin polypeptides isolated from spent culture supernatant of human fibroblasts isolated by affinity chromatography were used as immunogen.

CLASS AND SUBCLASS: IgG<sub>2a</sub>

PRODUCT SPECIFICITY: The antibody recognizes the Mr 250 000 and 180 000 human tenascin polypeptides in immunoprecipitation and in immunoblots the Mr 250 000 polypeptide. The antibody reacts with the fibrinogen-like knob-domain of tenascin protein. The antibody reacts especially with human paraffin sections.

PRODUCT CODE: 610003: 100 µg/ml vial 100 µg  
610030: 100 µg/ml vial 1 mg

PRODUCT BUFFER: PBS solution containing 1.0% (w/v) BSA and 0.09% (w/v) NaN<sub>3</sub>.  
Other MAb concentrations and buffer compositions are available upon request.

GUIDELINES FOR DILUTIONS: Working dilution in immunoblotting is at least 1:1000.

STORAGE: 2 to 8°C

APPLICATIONS: Immunofluorescence, immunohistochemistry and immunoblotting. Immunohistochemistry with formalin-fixed and paraffin-embedded sections.

REFERENCES:

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3. Kaarteenaho-Wiik R. et al. (1996) Am. J. Respir. Crit. Care Med. 154, 511-518.
4. Jahkola T. et al. (1996) Int. J. Cancer 69, 445–447.
5. Jahkola T. et al. (1998) Eur. J. Cancer 34, 1687–1692.
6. Jahkola T. et al. (1998) Br. J. Cancer 78, 1507–1513.
7. Pedrosa-Dömlöf P. et al. (2000) J. Histochem. Cytochem. 48, 201-209.
8. Tuori A. et al. (1997) Graefe's Arch. Clin. Exp. Ophtalmol. 235, 222-229.

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

DS03 ver 8