

DATA SHEET

PRODUCT NAME AND CLONE:	The original BIOHIT Monoclonal antibody against LAMININ (β1-chain) , Clone DG10.
HOST:	Mouse
IMMUNOGEN:	Monoclonal antibody to laminin (β 1-chain) is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells. Partially pepsin-digested laminins from human placenta were used as immunogen.
CLASS AND SUBCLASS:	IgG ₁
PRODUCT SPECIFICITY:	The antibody recognizes the Mr 220 000 β 1-chain of laminin. MAb DG10 appears to react with the NH ₂ -terminus of the Ln β 1- chain. The antibody reacts with human tissues.
PRODUCT CODE:	610003: 100 μ g/ml vial 100 μ g 610030: 100 μ g/ml vial 1 mg
PRODUCT BUFFER:	PBS solution containing 1.0% (w/v) BSA and 0.09% (w/v) NaN ₃ . 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:	Immunohistochemical stainings, immunoblottings and other immunoassays for cellular and tumor biology. Unlike many other MAbs to Ln β 1- chain MAb DG10 reacts strongly both under reducing and nonreducing conditions. MAb DG10 has been successfully used to purify Ln-8 ⁽³⁾ and Ln-10 ⁽⁴⁾ by affinity chromatography.
REFERENCES:	<ol style="list-style-type: none">1. Virtanen I. et al. (1997) Am. J. Pathol. 150, 1421–1431.2. Geberhiwot T. et al. (2000) Matrix Biol. 19, 163–167.3. Geberhiwot T. et al. (2000) Exp. Cell Res. 253, 723–732.4. Tani T. et al. (1999) Exp. Cell Res. 248, 115–121.5. Korhonen M. et al. (2000) J. Histochem. Cytochem. 48, 1011–1020.6. Konttinen J. T. et al. (1999) Ann. Rheum. Dis. 58, 683–690.7. Auranen M. et al. (2000) Neuromusc. Disord. 10, 16–23.8. Leivo T. et al. (2000) Br. J. Dermatol. 142, 991–1002.

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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