

PRODUCT NAME AND CLONE:	Monoclonal antibody to <b>LAMININ (<math>\beta</math>1-chain)</b> , Clone DG10
HOST:	Mouse
IMMUNOGEN:	Monoclonal antibody to laminin ( $\beta$ 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 <sub>1</sub>
PRODUCT SPECIFICITY:	The antibody recognizes the Mr 220000 $\beta$ 1-chain of laminin. MAb DG10 appears to react with the NH <sub>2</sub> -terminus of the Ln $\beta$ 1- chain. The antibody reacts with human tissues.
PRODUCT CODE:	610004: 100 $\mu$ g/ml vial 1ml 610031: 100 $\mu$ g/ml vial 10ml
PRODUCT BUFFER:	PBS solution containing 1.0% (w/v) BSA and 0.09% (w/v) NaN <sub>3</sub>
STORAGE:	+2...+8°C
APPLICATIONS:	Immunohistochemical stainings, immunoblottings and other immunoassays for cellular and tumor biology. Unlike many other MAb to Ln $\beta$ 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.
GUIDELINES FOR DILUTIONS:	Working dilution in immunoblotting is at least 1:1000.
REFERENCES:	<ol style="list-style-type: none"><li>1. Virtanen I. et al. (1997) Am. J. Pathol. 150, 1421-1431.</li><li>2. Geberhiwot T. et al. (2000) Matrix Biol. 19, 163-167.</li><li>3. Geberhiwot T. et al. (2000) Exp. Cell Res. 253, 723-732.</li><li>4. Tani T. et al. (1999) Exp. Cell Res. 248, 115-121.</li><li>5. Korhonen M. et al. (2000) J. Histochem. Cytochem. 48, 1011-1020.</li><li>6. Konttinen J. T. et al. (1999) Ann. Rheum. Dis. 58, 683-690.</li><li>7. Auranen M. et al. (2000) Neuromusc. Disord. 10, 16-23.</li><li>8. Leivo T. et al. (2000) Br. J. Dermatol. 142, 991-1002.</li></ol>

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