

PRODUCT NAME AND CLONE:	Monoclonal antibody to LAMININ (β1-chain) , Clone DG10
HOST:	Mouse
IMMUNOGEN:	Monoclonal antibody to laminin (β1-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 220000 β1-chain of laminin. MAb DG10 appears to react with the NH ₂ -terminus of the Lnβ1- chain. The antibody reacts with human tissues.
PRODUCT CODE:	610004: 100 µg/ml vial 1ml 610031: 100 µg/ml vial 10ml
PRODUCT BUFFER:	PBS solution containing 1.0% (w/v) BSA and 0.09% (w/v) NaN ₃
STORAGE:	+2...+8°C
APPLICATIONS:	Immunohistochemical stainings, immunoblottings and other immunoassays for cellular and tumor biology. Unlike many other MAbs to Lnβ1- 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">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. Kontinen 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.

For research use and further manufacturing only.

610004 Laminin ver 005