

ABSTRACT

MONOCLONAL ANTIBODY AGAINST MELK AND UTILIZATION THEREOF

5 The present invention relates to monoclonal antibodies against MELK. Furthermore,
the present invention provides methods for diagnosing MELK-associated diseases using the
antibodies, methods for detecting the MELK protein, methods for determining the drug efficacy
following treatment with a MELK inhibitor, methods of screening for subjects to whom a MELK
inhibitor has a high therapeutic effect, and diagnostic reagents containing the antibodies.

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[FIG. 1]