Docket #: S11-369

Monoclonal Antibody MB-1 (CD37)

Prof. Ron Levy's laboratory at Stanford developed a monoclonal antibody and hybridoma that targets CD37 (formerly known as MB-1). CD37 is expressed by mature human B cells in blood and tonsil, but not on T cells, thymocytes, granulocytes, or platelets. Initial studies of malignant B cell tumors revealed that the antigen is expressed by virtually all Ig-expressing B cell tumors but only 10% of SIg B-lineage leukemias.

Applications

- **Research** – antibodies for assays such as flow cytometry, ELISA and Western blots

Publications

- "A unique antigen on mature B cells defined by a monoclonal antibody." Link MP, Bindl J, Meeker TC, Carswell C, Doss CA, Warnke RA, Levy R. *J Immunol.* 1986 Nov 1;137(9):3013-8.

Innovators

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