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Uniform Nomenclature for Monoclonal Antibodies Directed Against Virus-Coded Proteins of Simian Virus 40 and Polyoma Virus

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A uniform nomenclature has been agreed upon for monoclonal antibodies directed against virus-coded proteins of simian virus 40 and polyoma virus. Blocks of numbers from PAb1 to PAb999 have been allocated to workers involved in the isolation of monoclonal antibodies of this type. The correspondence between PAb numbers and previously used names is given.

At the 1981 Imperial Cancer Research Fund (ICRF) Tumour Virus Meeting at Cambridge, a group of the participants met and discussed the present status and nomenclature of hybridomas producing monoclonal antibodies directed against virus-coded proteins of simian virus 40 and polyoma virus. It was agreed by the participants that the following uniform system of numbering should be adopted for these antibodies.

The prefix PAb (papovavirus protein antibody) plus a number should be used, superseding the previously used letters and numbers. When other numbers have already been used in publications, these numbers may initially be added in parentheses after the PAb number. Blocks of numbers were allocated to laboratories already involved in the isolation of PAb hybridomas, as follows: PAb1 to PAb99, C. Croce; PAb100 to PAb199, E. Gurney; PAb200 to PAb299, D. Lane; PAb300 to PAb399, R. McKay; PAb400 to PAb599, E. Harlow; PAb600 to PAb699, L. Gooding; PAb700 to PAb799, S. Dilworth; PAb800 to PAb899, M. Israel; PAb900 to PAb999, S. Tevethia. Further blocks of numbers will be allocated as needed upon request to us at ICRF, London.

To facilitate the collection of data on existing hybridomas, a form is available from ICRF on which the properties of the cell line and the corresponding antibody may be entered, as far as they have been determined. The completed forms are to be sent to ICRF, where the information is being stored on a DEC 20 computer, and a summary printout will be made available to those interested.

A25.1#1B3, B16.1#2A2, B16.1#2C4, B16.1#2D5, B16.1#1C5, B16.1#2A3, and B16.1#1B2 (4) become PAb1 to PAb7. Clones 7, 412, and 122 (1) become PAb100, PAb101, and PAb122. 3C3, 3C4, and 3C5 (3) become PAb203, PAb204, and PAb205. RMT 1 (5, 6) becomes PAb300. The L series L2 to L44 (2) become PAb402 to PAb444.

Hybridoma cells producing PAb100, PAb101, and PAb122 are available from Elizabeth Gurney, Department of Biology, University of Utah, Salt Lake City; those producing PAb203, PAb204, and PAb205 are available from David Lane, Cancer Research Campaign, Eucaryotic Molecular Genetics Research Group, Department of Biochemistry, Imperial College, London; and those producing PAb402, PAb405, PAb414, PAb416, PAb419, PAb421, PAb423, and PAb430 are available from Ed Harlow, ICRF. More isolates are rapidly becoming available.

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