

## Technology Transfer Office

### Research Tools: Cell Lines

Inventors	Title and Description	Publication
J. Kappler P. Marrack	CD8-transfected BW5147 alpha-beta- cell line/fusion partner (BWlyt2-4) Useful research tool for the study of antigen processing and antigen presentation requirements of class I-restricted T cells	<u>Publication abstract:</u> Burgert HG, (et. al.) "Reactivity of V beta 17a+ CD8+..." Journal of Experimental Medicine. Dec. 1989. p.1887.
J. Kappler P. Marrack	DO-11.10 T cell hybridoma The hybridoma D0-11.10, a mouse monoclonal antibody against receptors for antigen plus I region products on T cells. Use of I region-restricted, antigen-specific T cell hybridomas to produce idiotypically specific anti-receptor antibodies.	<u>Publication abstract:</u> White J, (et. al.) "Use of I region-restricted, antigen-specific..." Journal of Immunology. Mar. 1983. p.1033.
J. Kappler P. Marrack	T cell hybridoma BO-97.10 BO-97.10 is a T cell hybridoma which responds to a chicken Ovalbumin peptide (a.a. 327-339) + Class II (I-Ab)	<u>Publication abstract:</u> P Hugo, (et. al.) "Fibroblasts can induce thymocyte positive selection in vivo." Proceedings of the National Academy of Science U S A. Nov. 1993. p.10335.
W. Born J. Kappler P. Marrack	BW5147 alpha-beta- cell line/fusion partner A variant of the AKR thymoma BW5147 has been isolated which can no longer express functional T cell receptor alpha- and beta- chains.	<u>Publication abstract:</u> White J, (et. al.) "Two better cell lines for making..." Journal of Immunology. Sep. 1989. p.1822.
W. Born R. O'Brien	Mouse hybridomas expressing gamma delta T cell receptors Hybridomas expressing various combinations of gamma delta T cell receptors available as research tools.	<u>Publication abstract:</u> Fu YX, (et. al.) "Structural requirements for peptides..." Journal of Immunology. Feb. 1994. p.1578.
J. Kappler P. Marrack	BALB/c-derived, cOVA-specific, Id-restricted T cell hybridomas	<u>Publication abstract:</u> Shimonkevitz R, (et. al.) "Antigen recognition by H-2-restricted..." Journal of Experimental Medicine. Aug. 1983. p.303.