



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	Anti-HTLV-1 Tax Hybridoma (168B17-46-34)
<b>Catalog Number:</b>	1312
<b>Lot Number:</b>	130181
<b>Release Category:</b>	A
<b>Provided:</b>	3.7 x 10 <sup>6</sup> cells/vial. 81% post thaw viability.
<b>Isotype:</b>	Undetermined
<b>Propagation Medium:</b>	RPMI 1640 supplemented with 50 µM β-mercaptoethanol, 2 mM L-glutamine, 100 U/ml penicillin, 100 µg/ml streptomycin, 90%; fetal bovine serum, 10%.
<b>Freeze Medium:</b>	Propagation medium, 90%; DMSO, 10%.
<b>Growth Characteristics:</b>	Cells grow in suspension.
<b>Description</b>	Balb/c mouse splenocyte x P3X63 Ag8.453 myeloma
<b>Special Characteristics:</b>	Cloned from fusion parent 168B17 or 168A51. Hybridomas secretes monoclonal antibodies that recognizes both native and recombinant HTLV-I Tax. A recombinant <i>E. coli</i> -derived Tax protein was used as immunogen. Antibody produced by the hybridoma reacts with Tax in Western blots and immunoprecipitation assays.
<b>Sterility:</b>	Negative for mycoplasma, bacteria and fungi.
<b>Recommended Storage:</b>	Liquid nitrogen

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ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

**Contributor:** Dr. Beatrice Langton, Berlex Biosciences.

**References:** Langton BC, Sliwkowski M, Tran KV, Knapp S, Keitelman E, Smith C, Wallingford S, Liu H-L, Ralston JS, Brandis J, Coates S. Development and characterization of monoclonal antibodies to the HTLV-I Tax (P40X) protein. *Med Virol* **8**:295, 1988.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Cat#1312 HTLV-I Tax Hybridoma (168B17-46-34) from Dr. Beatrice Langton." Also include the reference cited above in any publications.

**Research Chart**

Hybridoma	Cat. #	Lot #	Provided	Isotype
168A51-2 (TAb 173)	1316	4 021096	5.2 x 10 <sup>6</sup> cells/vial	IgG2a
168A51-42 (TAb 176)	1318	4 041567	3.6 x 10 <sup>6</sup> cells/vial	IgG2a
168B17-46-34 (TAb 169)	1312	2 10/2/91	8 x 10 <sup>6</sup> cells/vial	Undetermined
168B17-46-50 (TAb 170)	1313	2 10/1/91	8 x 10 <sup>6</sup> cells/vial	Undetermined
168B17-46-70 (TAb 171)	1314	2 10/4/91	8 x 10 <sup>6</sup> cells/vial	Undetermined
168B17-46-92 (TAb 172)	1315	2 10/7/91	8 x 10 <sup>6</sup> cells/vial	Undetermined

**Last Updated** June 05, 2017

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