



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	Anti-HIV-1 p24 Hybridoma (183-H12-5C)
<b>Catalog Number:</b>	1513
<b>Lot Number:</b>	050816
<b>Release Category:</b>	C
<b>Provided:</b>	1 ml (2.6 x 10 <sup>6</sup> cells/vial)
<b>Propagation Medium:</b>	RPMI 1640, 90%; fetal bovine serum, 10%.
<b>Freeze Medium:</b>	RMPI 1640, 40%; fetal bovine serum, 50%; DMSO, 10%.
<b>Growth Characteristics:</b>	Addition of mouse spleen feeder cells (see attached instructions) is suggested for establishing these cells in culture.
<b>Description</b>	Balb/c mouse splenocyte x SP2-0 myeloma.
<b>Special Characteristics:</b>	These cells produce an IgG <sub>1</sub> monoclonal antibody reactive with HIV-1 p24 Gag. The antibody has been used to study ethanol fixed cells in indirect fluorescence and immunoperoxidase assays, to immunoprecipitate p24, and to coat plates for p24 antigen capture ELISA.  <b>Related Protocol:</b> <a href="#">Thawing and Propagation of Hybridomas</a> <a href="#">Column Purification of Hybridoma 183 (HIV-1 p24) Supernatant</a>
<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. Bruce Chesebro and Dr. Hardy Chen.

**References:** Chesebro B, Wehrly K, Nishio J, Perryman S. Macrophage-tropic human immunodeficiency virus isolates from different patients exhibit unusual V3 envelope sequence homogeneity in comparison with T-cell-tropic isolates: definition of critical amino acids involved in cell tropism. *J Virol* **66**:6547-6554, 1992.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-HIV-1 p24 Hybridoma (183-H12-5C) from Dr. Bruce Chesebro." Also include the reference cited above in any publications.

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact the NIH Office of Technology Transfer, Email: [NIAIDAIDSReagent@niaid.nih.gov](mailto:NIAIDAIDSReagent@niaid.nih.gov), before the reagent can be released. Please specify the name and a description of the intended use of the reagent.**

**Last Updated** September 01, 2016

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