



## NIH AIDS Reagent Program

20301 Century Boulevard  
Building 6, Suite 200  
Germantown, MD 20874  
USA

Phone: 240 686 4740  
Fax: 301 515 4015  
aidsreagent.org

### DATA SHEET

**Reagent:** Anti-HIV-1 gp120 Monoclonal (48d)

**Catalog Number:** 1756

**Lot Number:** 130150

**Release Category:** A

**Provided:** 502.88 µg of lyophilized, purified antibody. Add 675 µl of water to obtain 0.745 mg/ml in 1x PBS, pH 7.4 with 0.02% Sodium Azide.

**Description:** 17b is a non-neutralizing antibody that binds to a CD4-induced (CD4i) discontinuous epitope on gp120.

**Host:** Human.

**Special Characteristics:** Obtained by EBV transformation of B cells from PBMCs of an asymptomatic HIV-1 infected patient.

**Recommended Storage:** After reconstitution, keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.

**Contributor:** Dr. James E. Robinson.

**Isotype:** IgG<sub>1</sub>.

**References:** Thali M, Moore JP, Furman C, Charles M, Ho DD, Robinson J, Sodroski J. Characterization of conserved human immunodeficiency virus type 1 gp120 neutralization epitopes exposed upon gp120-CD4 binding. *J Virol* **67**:3978-3988, 1993. Moore JP, Yoshiyama H, Ho DD, Robinson JE, Sodroski J. Antigenic variation in gp120s from molecular clones of HIV-1 LAI. *AIDS Res Hum Retroviruses* **9**:1185-1193, 1993.

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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.

**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 gp120 Monoclonal (48d) from Dr. James Robinson." Also include the references cited above in any publications.

**Last Updated**

January 30, 2018

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