



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Anti-HIV-1 gp41 Monoclonal (4E10)

**Catalog Number:** 10091

**Lot Number:** 070491

**Release Category:** C

**Provided:** 250 µl, 0.25 mg, in 10% maltose, 2 mM acetate, pH 4.65. Contains 1 mg/ml 4E10 antibody.

**Host Site:** Human

**Special Characteristics:** Recombinant human monoclonal antibody produced in CHO cells. Neutralizes a broad variety of laboratory HIV-1 strains and primary isolates. Purity is >99.9%.

**Recommended Storage:** 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. Hermann Katinger (POLYMUN Scientific GMBH)

**Isotype:** IgG<sub>1</sub> (kappa)

**References:** Stiegler G, Kunert R, Purtscher M, Wolbank S, Voglauer R, Steindl F, Katinger H. A potent cross-clade neutralizing human monoclonal antibody against a novel epitope on gp41 of human immunodeficiency virus type 1. *AIDS Res Human Retroviruses* **17**:1757-1765 2001.

**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 gp41 Monoclonal (4E10) from Dr. Hermann Katinger." Also include the references cited above in any publications.  
**This antibody is strictly limited to one vial per laboratory every two years. Requests from commercial institutions or for larger quantities should be directed to: Dr. Hermann Katinger, Institute of Applied Microbiology, University of Agriculture, Muthgasse 18B, A-1190 Vienna, Austria, TEL:**

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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.

**Last Updated**

February 23, 2015

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