



NIH AIDS Reagent Program

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DATA SHEET

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

Catalog Number: 10091

Lot Number: 130045

Release Category: C

Provided: 0.27 mg (90 μ L), at 2.98 mg/mL in 10% maltose, 2 mM acetate, pH 4.65.

Description: Recombinant human monoclonal antibody to HIV-1 gp41 epitope NWFDIT.

Special Characteristics: Recombinant human monoclonal antibody produced in CHO cells; purified by protein A affinity chromatography. Neutralizes a broad variety of laboratory HIV-1 strains and primary isolates.

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: IgG₁ (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.

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.

Requests from commercial institutions or for larger quantities should be directed to: Dr. Dietmar Katinger, POLYMUN Scientific GMBH, Donaustrasse 99, 3400 Klosterneuburg, Austria, TEL: +43-2243-25060-300, FAX: +43-2243-25060-399, E-MAIL: office@polymun.com.

Last Updated

February 23, 2015

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