



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Anti-HIV-1 p24 Monoclonal (241-D)

Catalog Number: 1244

Lot Number: 190194

Release Category: E

Provided: 500 µg per vial at 1 mg/mL
Endotoxin = 1.0 EU/mg
Purity = >95% by SDS PAGE

Description: A recombinant monoclonal antibody to HIV-1 p24.

Host: Human

Titer: The user should determine the optimal concentration for any application.

Special Characteristics: This recombinant antibody was produced in an Expi293 expression system and purified by Protein G chromatography. This antibody originates from EBV-immortalized peripheral blood mononuclear cells from HIV-seropositive individuals.
Please see [the Los Alamos database](#) for more information.

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. Susan Zolla-Pazner

Isotype: IgG₁ λ

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.

References:

Gorny, M. K., Gianakakos, V., Sharpe, S., & Zolla-Pazner, S. (1989). Generation of human monoclonal antibodies to human immunodeficiency virus. Proc Natl Acad Sci U S A, 86(5), 1624-1628. [PUBMED](#)

Robinson, W. E., Jr., Gorny, M. K., Xu, J. Y., Mitchell, W. M., & Zolla-Pazner, S. (1991). Two immunodominant domains of gp41 bind antibodies which enhance human immunodeficiency virus type 1 infection in vitro. J Virol, 65(8), 4169-4176. [PUBMED](#)

Tyler, D. S., Stanley, S. D., Zolla-Pazner, S., Gorny, M. K., Shadduck, P. P., Langlois, A. J., . . . Weinhold, K. J. (1990). Identification of sites within gp41 that serve as targets for antibody-dependent cellular cytotoxicity by using human monoclonal antibodies. J Immunol, 145(10), 3276-3282. [PUBMED](#)

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 Monoclonal (241-D) from Dr. Susan Zolla-Pazner (cat# 1244)." Also include the references cited above in any publications.

Limited to 1 mg per laboratory per year. Corporate requests should be directed in writing to Dr. Susan Zolla-Pazner at the Icahn School of Medicine at Mount Sinai, One Gustave L. Levy Place, Box 1090, New York, NY 10029.

Also note that contributor will like to be informed at least two weeks before submitting a document for publication or making a public oral presentation of research results obtained from the use of these materials in writing or by providing a copy of the publication document.

Last Updated

November 11, 2020

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