



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Anti-HIV-1 gp41 Monoclonal (98-6)

Catalog Number: 1240

Lot Number: 150036

Release Category: E

Provided: 100 µg purified antibody in PBS at 2.48 µg/µL.

Description: This antibody has gp41 specificity against SLIEESQNQQEKNEQELLEL with the core being IWG.

Host: EBV transformed PBMC from HIV+ volunteers

Special Characteristics: 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 κ

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

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.

antibodies. J Immunol, 145(10), 3276-3282. [PUBMED](#)

Xu, J. Y., Gorny, M. K., Palker, T., Karwowska, S., & Zolla-Pazner, S. (1991). Epitope mapping of two immunodominant domains of gp41, the transmembrane protein of human immunodeficiency virus type 1, using ten human monoclonal antibodies. J Virol, 65(9), 4832-4838. [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 gp41 Monoclonal (98-6) from Dr. Susan Zolla-Pazner (cat# 1240)." Also include the references cited below in any publications.

Patent pending. Limited to 1 aliquot per laboratory. 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.

Recipient must not use or incorporate the reagent for commercial purposes.

Last Updated

March 12, 2019

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