



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 gp41 Monoclonal (F240)
Catalog Number:	7623
Lot Number:	120129
Release Category:	C
Provided:	100 µg at 1.5 mg/ml in PBS. Purified from tissue culture supernatant by protein G chromatography. The antibody is stable at this concentration. If a less concentrated stock is needed, dilute the material no further than 1 mg/ml.
Description:	A monoclonal antibody to gp41 (aa 592-606).
Host:	EBV-transformed B cell x HMMA2.5 TG/O heteromyeloma.
Titer:	Use at 10 µg/ml for flow cytometry; 1-5 µg/ml for Western blots.
Special Characteristics:	This antibody is non-neutralizing and reacts with all subtypes of primary isolates of HIV-1. This antibody was produced in a hybridoma cell system and purified by protein G chromatography.
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. Marshall Posner and Dr. Lisa Cavacini.
Isotype:	IgG ₁ , K.
References:	Cavacini LA, Emes CL, Wisniewski AV, Power J, Lewis G, Montefiori D, Posner MR. Functional and molecular characterization of human monoclonal antibody reactive with the immunodominant region of HIV type 1 glycoprotein 41. <i>AIDS Res Hum Retroviruses</i> 14 :1271-1280, 1998.

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 gp41 Monoclonal (F240) from Dr. Marshall Posner and Dr. Lisa Cavacini." Also include the reference cited above in any publications.

Requests from commercial organizations should be directed to Jodi Hecht, Technology Ventures Office, Beth Israel Deaconess Medical Center, 330 Brookline Avenue, Boston, MA 02215. Email: jehecht@bidmc.harvard.edu.

Last Updated

August 19, 2016

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.