



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Anti-HIV-1 gp120 Monoclonal (scFv m9)

Catalog Number: 11710

Lot Number: 098100

Release Category: C

Provided: 100 µg at 1.91 mg/mL in PBS. Endotoxin: 14.7 EU/mL

Description: CD4i antibody with His6 and FLAG tags.

Host: E.coli HB2151

Recommended Storage: -80°C for long term storage; keep at 4°C after thawing

Contributor: Drs. Mei-Yun Zhang and Dimiter S. Dimitrov

References: Zhang MY, Shu Y, Rudolph D, Prabakaran P, Labrijn AF, Zwick MB, Lal RB, Dimitrov DS. Improved breadth and potency of an HIV-1 neutralizing single-chain antibody by random mutagenesis and sequential antigen panning. *J Mol Biol.* 2004 Jan 2; 335(1): 209-19.

Dimitrov et. al., United States Patent Applications US 2004/0259075 A1 and US 2007/0212349 A1; BROADLY CROSS-REACTIVE NEUTRALIZING ANTIBODIES AGAINST HUMAN IMMUNODEFICIENCY VIRUS SELECTED BY ENV-CD4-CO-RECEPTOR COMPLEXES.

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 gp120 Monoclonal (scFv m9), from Drs. Mei-Yun Zhang and Dimiter S. Dimitrov." Also include the reference(s) cited above in any publications.

For research use only. Scientists at for-profit institutions or who intend commercial use of this Release Category C reagent must contact Dr. Dimiter Dimitrov, Nanobiology Program, Center for Cancer Research, National Cancer Institute, NCI-Frederick, PO Box B, Bldg. 469, Frederick MD 21702-1201. Tel:

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

January 26, 2018

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