



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:	HIV-1 anti-gp41 mAb (7H6)
Catalog Number:	12295
Lot Number:	253143-2
Release Category:	C
Provided:	500 µg of mAb at 1 mg/ml in DPBS with 10% glycerol (pH 7.0).
Description:	7H6 is a broadly neutralizing HIV-1 antibody against all major subtypes. The epitope is within the MPER.
Special Characteristics:	<p>The expression vectors for this antibody are also available. Heavy chain (Cat# 12290) and light chain (Cat# 12293) plasmids, can be used to express mAb in 293T cells.</p> <p>Please note this mAb has the same heavy chain as 10E8.</p> <p>7H6 tends to precipitate at 4°C or after -20°C storage, please warm it up at 37°C for 1 hour before use.</p>
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:	Drs. Jinghe Huang, Leo Laub, and Mark Connors
Isotype:	IgG1
References:	Huang, J., Ofek, G., Laub, L., Louder, M. K., Doria-Rose, N. A., Longo, N. S., . . . Connors, M. (2012). Broad and potent neutralization of HIV-1 by a gp41-specific human antibody. <i>Nature</i> , 491(7424), 406-412. doi:10.1038/nature11544 PUBMED

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: HIV-1 anti-gp41 mAb (7H6), from Dr. Mark Connors." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the NIH Office of Technology Transfer, Email: NIAIDAIDSReagent@niaid.nih.gov, before the reagent can be released. Please specify the name and a description of the intended use of the reagent.

Last Updated

May 08, 2017

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.