



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Anti-HIV-1 gp41 Monoclonal (T32)

Catalog Number: 11391

Lot Number: 070033

Release Category: C

Provided: 200µl affinity purified antibody at 0.4mg/ml in PBS (0.02% sodium azide)

Host: Balb/c mice.

Special Characteristics: Purified from ascites fluid by Protein A/G chromatography. Recognizes gp41 (597-613). The binding maps to region 597-613: GCSGKLICTTAVPWNAS -- immunodominant region containing two Cys residues. T32 antibody was generated during a study of the influence of the oligomeric structure of Env in determining the repertoire of the antibody response. ELISA titer against HIV-1 lysate (200ng/well) is 1:1000.
Alternative names: T32 MAb anti-gp41 (597-613)

Recommended Storage: -70°C or below.

Contributor: Dr. Patricia Earl, Laboratory of Viral Diseases, NIAID

References: PL Earl, CC Broder, RW Doms, and B Moss. Epitope map of human immunodeficiency virus type 1 gp41 derived from 47 monoclonal antibodies produced by immunization with oligomeric envelope protein. *J. Virol.* **71** (1997): 2674-2684. [[Abstract](#)] [[PDF](#)]

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: T32 Monoclonal Antibody (Cat#11391) from Dr. Patricia Earl, NIAID." 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.

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.

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Last Updated

March 29, 2018

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