



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Anti-HIV-1 gp41 Monoclonal (T32)
Catalog Number:	11391
Lot Number:	070486
Release Category:	C
Provided:	250µl affinity purified antibody at 0.4mg/ml in PBS (0.02% sodium azide)
Host:	Balb/c mice.
Special Characteristics:	<p>Affinity 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.</p> <p>Alternative names: T32 MAb anti-gp41 (597-613)</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:	Dr. Patricia Earl, Laboratory of Viral Diseases, NIAID
Isotype:	IgG2bk
References:	<p>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. <i>J. Virol.</i> 71 (1997): 2674-2684. [Abstract] [PDF]</p>

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: 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.

Last Updated

March 29, 2018

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