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 gp120 Monoclonal (A32)
Catalog Number: 11438
Lot Number: 098276
Release Category: C
Provided: 25 μL purified antibody, at 2 mg/ml (50 μg).
Host Site: Human EBV-transformed B cell fused to HMMA2.11TG/O heteromyeloma
Special Characteristics: Derived by EBV transformation of B cells from PBMC's of an asymptomatic HIV-1 infected patient. Antibody binds to a very highly conserved conformation-dependent epitope of HIV-1 gp120. Binding of A32 to gp120 enhances binding of CD4i antibodies. The A32 epitope is sensitive to amino acid substitution in the C1 and C4 domains. This antibody lacks neutralizing activity.
Recommended Storage: 4°C (Avoid repeated freeze-thaw)
Contributor: Dr. James E. Robinson
Isotype: IgG1
References:
Wyatt R, Moore J, Accola M, Desjardin E, Robinson J, Sodroski J. Involvement of the V1/V2 variable loop structure in the exposure of human immunodeficiency virus type 1 gp120 epitopes induced by receptor binding. 1: J Virol. 1995 Sep;69(9):5723-33. [Abstract] [Full Text]

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 gp120 Monoclonal Antibody (A32)(Cat#11438) from Dr. James E. Robinson.” Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact Dr. James E. Robinson, Tulane University HSC at email address jrobinso@tulane.edu and specify in the email the name of the reagent and a description of the intended use of the reagent.

Last Updated

November 13, 2015

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.