



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Anti-HIV-1 RT Monoclonal (MAb 21)
Catalog Number:	3483
Lot Number:	150352
Release Category:	C
Provided:	250 µl ascites fluid.
Description:	This antibody was raised against purified HIV-1 reverse transcriptase. It recognizes a central region of the protein, approximately between amino acids 290 and 310.
Host:	Balb/c splenocyte x NS-1 myeloma.
Special Characteristics:	Use at 1:200 to 1:1000 for Western Blot and traditional colorimetric detection and 1:500 and up for chemiluminescent detection. Optimal dilutions should be determine by the end user.
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. Stephen Hughes.
Isotype:	IgG ₁ .
References:	Ferris AL, Hizi A, Showalter S, Pichuantes S, Babe L, Craik CS, Hughes SH. Immunologic and proteolytic analysis of HIV-1 reverse transcriptase structure. <i>Virology</i> 175 :456-464, 1990. Hizi A, McGill C, Hughes SH. Expression of soluble, enzymatically active, human immunodeficiency virus reverse transcriptase in <i>Escherichia coli</i> and analysis of mutants. <i>Proc Natl Acad Sci USA</i> 85 :1218-1222, 1988.

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: Anti-HIV-1 RT Monoclonal (MAb 21) from Dr. Stephen Hughes (cat# 3483)." Also include the references cited above in any publications.

Last Updated

November 05, 2018

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