



NIH AIDS Research & Reference Reagent Program

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DATA SHEET

Reagent:	HIV-1 RT Monoclonal Antibody (8C4)
Catalog Number:	7373
Lot Number:	10 060890
Release Category:	B
Provided:	1 ml supernatant (hybridoma medium containing 5% FCS).
Host Site:	Balb/c mice (females), P3X63 Ag8.653 myeloma cells.
Titer:	For ELISA and Western blot, a dilution of 1:100 – 1:200 is recommended. For immunofluorescence the concentration has to be titered.
Special Characteristics:	Recombinant HIV-1 (HXB2) RT used as antigen. Reacts with p51 and p66. Inhibits RT activity.
Recommended Storage:	-70°C.
Contributor:	Dr. Dag E. Helland.
Isotype:	IgG ₁
References:	Szilvay AM, Nornes S, Haugan IR, Olsen L, Prasad VR, Endresen C, Goff SP, Helland DE. Epitope mapping of HIV-1 reverse transcriptase with monoclonal antibodies that inhibit polymerase and RNase H activities. <i>J Acquir Immune Defic Syndr</i> . 5 :647-657, 1992.

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 AIDS Research and Reference Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 RT Monoclonal Antibody (8C4) from Dr. Dag E. Helland." Also include the reference cited above in any publications.

Last Updated

August 30, 2010

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