



NIH AIDS Reagent Program

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DATA SHEET

Reagent: HIV-1 RT, Monoclonal Antibody (5B2B2)

Catalog Number: 11338

Lot Number: 140217

Release Category: B

Provided: 100 µL culture supernatant.

Host Site: Balb/c splenocyte x P3X63Ag8.653 myeloma.

Special Characteristics: Raised in mice primed with lysates from *E. coli* expressing HIV-1 reverse transcriptase as a TrpE-RT fusion protein. Antibody reacts with HIV-1 reverse transcriptase (RT). Epitope mapped to amino acids 294-319 (PLTEEALELAENREILKEPVHGVY).
Antibody reacts with p66/p51 by Western blot. Can be used in ELISA and IF assays.

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. D. Helland and Dr. A. M. Szilvay.

Isotype: IgG_{2a}.

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. *J. Acquir. Immune Defic. Syndr.* **5**:647-657, 1992.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 RT, Monoclonal Antibody (5B2B2) from Dr. D. Helland and Dr. A. M. Szilvay". Also include the reference cited above in any publications.

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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