



## NIH AIDS Reagent Program

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### DATA SHEET

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

**Catalog Number:** 11338

**Lot Number:** 120283

**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:** -70°C

**Contributor:** Dr. D. Helland and Dr. A. M. Szilvay.

**Isotype:** IgG<sub>2a</sub>.

**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.

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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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