



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Anti-HIV-1 BRU Tat Monoclonal (NT3 2D1.1)

Catalog Number: 4138

Lot Number: 99247

Release Category: C

Provided: 1.1 mg (200 µl)

Host Site: Balb/c mouse

Special Characteristics: This IgG_{1a} monoclonal was raised against an N-terminal 15-mer tat peptide. The antibody works in IPT and immunoblots.
Endotoxin: 10.630 EU/mL*

*NOTE: Endotoxin has been shown to induce chemokines and other soluble HIV and SIV inhibitory factors in primary cultures of PBMC, monocytes and macrophages (Verani et al., J Exp Med 185:805-816, 1997; J Immunol 168:6388-6396, 2002; Montefiori in preparation). Thus, caution is advised when using this reagent for in vitro studies involving primary cells.

Contributor: Dr. Jonathan Karn, courtesy of the NIBSC Centralised Facility for AIDS Reagents.

References: Dingwall C, Ernberg I, Gait MJ, Green SM, Heaphy S, Karn J, Lowe AD, Singh M, Skinner MA, Valerio R. Human immunodeficiency virus 1 tat protein binds trans-activation-responsive region (TAR) RNA in vitro. *Proc Natl Acad Sci USA* **86**:6925-6929, 1989.

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 BRU Tat Monoclonal (NT3 2D1.1) from Dr. Jonathan Karn, courtesy of the NIBSC Centralised Facility for AIDS Reagents." Also include the reference cited above in any publications.

Last Updated September 09, 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.

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