



## Product Information Sheet for HRP-20073

### Monoclonal Anti-Human Immunodeficiency Virus Type 1 (HIV-1) Trans-Activator of Transcription (Tat), Clone 1 (produced *in vitro*)

Catalog No. HRP-20073

*For research use only. Not for use in humans.*

#### Contributor and Manufacturer:

Abcam Inc., Cambridge, Massachusetts, USA

#### Product Description:

Abcam Catalog No. ab42359 (Lot GR214879-31)

Antibody Class: IgG1

Mouse monoclonal antibody was prepared against the recombinant protein fragment corresponding to human immunodeficiency virus type 1 (HIV-1), trans-activator of transcription (Tat). Clone 1 was purified by protein G affinity chromatography. HRP-20073 reacts with the rTat consensus sequences of HIV-1 subtypes A (DPVDPNLE), B (EPVDPRLE) and C (EPVDPNLE). The epitope is mapped to amino acids 2 to 9 (EPVDPRLE – B subtype consensus).<sup>1</sup>

#### Material Provided:

Each vial of HRP-20073 contains approximately 143 µL of purified monoclonal antibody in phosphate-buffered saline (PBS), with 0.1% sodium azide as a preservative (pH 7.4). The concentration, expressed as milligrams per milliliter, is shown on the Certificate of Analysis.

#### Packaging/Storage:

HRP-20073 was packaged aseptically in screw-capped plastic vials and is provided frozen on dry ice. The product should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

#### Functional Activity:

HRP-20073 was shown to be suitable for ELISA, western blot, radioimmunoprecipitation and immunohistochemistry (paraffin).<sup>1</sup> It is also reported to react with other species.<sup>1</sup>

#### Citation:

Acknowledgment for publications should read “The following reagent was obtained through the NIH HIV Reagent Program, NIAID, NIH: Monoclonal Anti-Human Immunodeficiency Virus Type 1 (HIV-1) Trans-Activator of Transcription (Tat), Clone 1 (produced *in vitro*), HRP-20073, contributed by Abcam Inc.”

#### Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services,

Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

#### Disclaimers:

You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the NIH HIV Reagent Program Material Transfer Agreement (MTA). The MTA is available on our Web site at [www.hivreagentprogram.org](http://www.hivreagentprogram.org).

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#### References:

1. de Fougeroux, A., Personal Communication.

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#### NIH HIV Reagent Program

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