



## Product Information Sheet for HRP-20070

### Monoclonal Anti-Human Immunodeficiency Virus Type 1 (HIV-1) Reverse Transcriptase, Clone 28 (produced *in vitro*)

Catalog No. HRP-20070

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

#### Contributor and Manufacturer:

Creative Biolabs, Inc., Shirley, New York, USA

#### Product Description:

**Creative Biolabs Catalog No. PABW-070-LowE**

Antibody Class: IgG

Recombinant mouse monoclonal antibody prepared against the reverse transcriptase (RT) of human immunodeficiency virus type 1 (HIV-1) was produced from the expression vectors by transient transfection and expression in mammalian cells with chemically defined culture media, purified by affinity chromatography, ultrafiltered and sterile filtered.<sup>1</sup>

#### Material Provided:

Each vial of HRP-20070 contains approximately 100 µL of purified monoclonal antibody in phosphate-buffered saline (PBS). The concentration, expressed as milligrams per milliliter, is shown on the Certificate of Analysis.

#### Packaging/Storage:

HRP-20070 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-20070 recognizes HIV-1 RT and was shown to be reactive in ELISA, western blot and dot blot assays.<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) Reverse Transcriptase, Clone 28 (produced *in vitro*), HRP-20070, contributed by Creative Biolabs, 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. Young, S., Personal Communication.

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#### NIH HIV Reagent Program

[www.hivreagentprogram.org](http://www.hivreagentprogram.org)

E-mail: [contact@HIVReagentProgram.org](mailto:contact@HIVReagentProgram.org)

Tel: 888-487-0727 | Fax: 703-365-2898

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