

Monoclonal Anti-Human Immunodeficiency Virus Type 1 (HIV-1) Reverse Transcriptase (mAb 28)

Catalog No. HRP-20230

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For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Antibody Class: IgG1κ
HRP-20230 is a monoclonal antibody against the reverse transcriptase (RT) of the Human Immunodeficiency Virus Type 1 (HIV-1).^{1,2} The monoclonal antibody was produced by *in vitro* culture of the murine hybridoma cell line HRT28.

Material Provided:

Each vial contains approximately 1.0 mL of filter-sterilized hybridoma culture supernatant. Please refer to the certificate of analysis for lot-specific information.

Packaging/Storage:

HRP-20230 was packaged aseptically in cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Human Immunodeficiency Virus Type 1 (HIV-1) Reverse Transcriptase (mAb 28), HRP-20230.”

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 (BMBL). Current Edition. Washington, DC: U.S. Government Printing Office.

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References:

1. Hughes, S. H., Personal Communication.
2. Ferris, A. L., et al. “Immunologic and Proteolytic Analysis of HIV-1 Reverse Transcriptase Structure.” *Virology* 175 (1990): 456-464. PubMed: 1691562.

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