Monoclonal Anti-Human Immunodeficiency Virus Type 1 (HIV-1) Negative Regulatory Factor (Nef), Clone JR6 (produced *in vitro*)

Catalog No. HRP-20078

For research use only. Not for use in humans.

Contributor and Manufacturer:
Abcam Inc., Cambridge, MA, USA

Product Description:
Abcam Catalog No. ab42358 (Lot GR3362457-8)
Antibody Class: IgG1
Mouse monoclonal antibody prepared against the recombinant Negative Regulatory Factor (Nef) protein of human immunodeficiency virus type 1 (HIV-1) B subtype. Clone JR6 was purified by protein A affinity chromatography. The antibody epitope is mapped to amino acids 195-205 of HIV-1 B subtype consensus (ARELHPEYYKD).[1]

Material Provided:
Each vial of HRP-20078 contains approximately 100 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-20078 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-20078 recognizes human Nef and was shown to be reactive in ELISA, western blot, and immunofluorescence assays.[1]

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) Negative Regulatory Factor (Nef), Clone JR6 (produced *in vitro*), HRP-20078, 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.

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.

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References:
1.   de Fougeroux, A., Personal Communication.

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