Reagent: Monoclonal Anti-Human Immunodeficiency Virus Type 1 (HIV-1) Nef Protein (6.2, produced in vitro)

Catalog Number: ARP-1539

Lot Number: 190354

Release Category: A

Provided: Each vial of ARP-1539 contains approximately 100 micrograms of purified antibody in sterile phosphate-buffered saline (PBS, pH 7.4) at a concentration of 0.8 mg per mL. It contains 0.1% sodium azide as preservative.

Description: ARP-1539 is a monoclonal antibody to HIV-1 Nef protein (epitope: ARELHPEYYKD; alternate name: clone JR6).

Host or Host Site: BALB/c mouse splenocyte × SP2/0 myeloma

Special Characteristics: ARP-1539 was produced in cell culture and purified by protein G affinity chromatography. It originates from a hybridoma. The hybridoma was created by immunizing a mouse with a HIV-1 subtype B consensus Nef recombinant protein that had been produced in Escherichia coli and fusing the resulting splenocytes with SP2/0 myeloma cells. This antibody reacts with HIV-1 Nef subtypes A, B and C.

Suggested applications are ELISA and western blot analysis. The user should determine the optimal concentration for any application.

Recommended Storage: Keep at 4°C only for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.

Contributor: Dr. Kai Krohn and Dr. Vladimir Ovod

Isotype: IgG1


Citation: Acknowledgment for publications should read “The following reagent was obtained through the NIH HIV Reagent Program, Division of AIDS, NIAID, NIH: Monoclonal Anti-Human Immunodeficiency Virus Type 1 (HIV-1) Nef Protein (6.2, produced in vitro), ARP-1539, contributed by Dr. Kai Krohn and Dr. Vladimir Ovod.” Also include the references cited in any publications.

Biosafety Level: 1


Disclaimers: You are authorized to use this product for research use only. It is not intended for use in humans.

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