

PRODUCT DESCRIPTION:

This murine monoclonal antibody reacts with Human Immunodeficiency Virus Type 1 (HIV-1) p24 protein. The antibody was raised by immunizing BALB/c mice with purified HIV-1 (Strain IIIB) lysate. It is of the IgG1 subclass and has been purified from serum-free culture supernatant by ammonium sulfate precipitation.

CONTENTS:

Each vial contains 100 µg of antibody in phosphate-buffered saline (PBS). No preservatives added.








RECOMMENDED USAGE:

Anti-HIV-1 p24 Clone 32/5.17.76 is used to detect HIV-1 core protein in virus infected cells, cell lysates, culture fluid, serum or plasma. This antibody exhibits reactivity with HIV-1 infected cultures using indirect immunofluorescence, exhibits reactivity with viral lysates by Western blot and immunoprecipitates p24 protein from radiolabeled infected cell extracts. This antibody may also be useful as a solid phase adsorbent for purification of p24. Antibody dilutions should be prepared using buffers containing suitable protein in order to stabilize antibody activity. Optimal dilution of antibody must be determined experimentally by the investigator.

RECOMMENDED STORAGE:

Stable at -10°C or below. The material may be re-frozen after thawing. Repetitive freezing and thawing is not recommended (aliquot as necessary). Thawed material may be stored at 4°C for short-term usage.

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Revision: 01
Effective Date: 08/19/2021

	Catalog Number		Temperature Limitation
	Batch Code		Expiration Date
	For Research Use Only		Biological Risk
	Manufacturer		

PCA# 21-112 & 21-244
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