



CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: C65489M **Lot #:** 9A01312

Description: MAb to HIV-1 p24
Monoclonal Antibody to Human Immunodeficiency Virus Type 1 (HIV-1), p24 specific.

Specificity: Recognizes HIV-1 p24 (native antigen).

Clone: BDI489

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Recombinant Antigen

Format: Purified, Liquid **Exp. Date:** Not Assigned

Purification: > 90% pure. Protein A Chromatography

Concentration: 100 µg/mL (OD280nm, E^{0.1%} = 1.3)

Buffer: 0.01 M PBS, pH 7.2
Product contains no stabilizing proteins.

Preservative: 0.1% Sodium Azide

Applications: Suitable as a detection antibody in ELISA and IFA. A starting range of 1:10 – 1:50 is suggested for IFA and 1:20 – 1:200 for ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at 2-8°C.

Warning: This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

References: The reference listed below is for research purposes only:
Tang, S., et al., (2010), "Characterization of immune responses to capsid protein p24 of Human Immunodeficiency Virus Type 1 and implications for detection", Clinical and Vaccine Immunology, **17**(8): 1244-1251.

Signature

27 August 2014

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY