

Code No. 10901

Anti-HIV-1 p24 (NP-24) Mouse IgG MoAb

Volume : 100 µg

Introduction : HIV-1 is the retrovirus which is cause virus of the AIDS. HIV-1 p24 is a capsid protein constituting the core of HIV-1. HIV-1 p24 protein is detectable from the early days of HIV-1 infection. HIV-1 p24 has been measured as a marker of posttreatment pathologic condition to know quantity of virus in blood.

Antigen : Recombinant HIV-1 gag p24

Source : Mouse-Mouse hybridoma
(SP2/0 × BALB/c mouse spleen cells)

Clone : NP-24

Subclass : IgG₁

Purification : Gel filtration chromatography following ammonium sulfate precipitation

Form : Lyophilized product from PBS containing 1 % BSA and 0.05 % NaN₃

How to use : 0.2 mL deionized water will be added to the product, then its concentration comes to 500 µg/mL

Stability : Lyophilized product, 5 years at 2 - 8 °C
: Solution, 2 years at -20 °C

Application : This antibody can be used for western blotting in concentration of 10 µg/mL.
: This antibody can be used for immuno-precipitation at 10 µg /test
: This antibody can be used for flow cytometry analysis at 1 µg (per 1×10⁵ cells)
: This antibody can be used for ELISA (as a capture antibody) in concentration of 3µg/mL

Reference : 1. Tanaka R, Takahashi Y, Kodama A, Saito M, Ansari AA, Tanaka Y. Suppression of CCR5-tropic HIV type 1 infection by OX40 stimulation via enhanced production of β-chemokines. AIDS Res Hum Retroviruses. 2010 Oct;26(10):1147-54.

For research use only, not for use in diagnostic procedures.

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