



Mouse Anti-HIV-1 P24 (Core Protein) Monoclonal Antibody Datasheet

Product Name: mAb anti- HIV-1 p24 (Core Protein)	Clone No.: 340
Catalogue No.: MO-I40002D2	Quantity: 0.5 mg/vial
Description: Mouse monoclonal antibody to human immunodeficiency virus 1 (HIV-1)p24 (core protein)	Research Area: Virology
Purification: Protein G affinity purified	Background: P24 is the 24KDa, non-glycosylated protein that forms the Core (Capsid) of human immunodeficiency virus (HIV) and other Lentiviruses in the Retroviridae family. P24 is expressed immediately after HIV infection and is detectable before host HIV antibody can be detected. Hence, HIV p24 is currently the target for early diagnosis of HIV acute infection.
Product Type: Primary antibody - Capture antibody in matched antibody pair	Applications: ELISA: This monoclonal antibody can be used as capture antibody in sandwich ELISA for HIV p24 detection in combination with HRP-conjugated tracer antibody [Clone 473, Cat No: MO-I40002T2].
Target Protein: HIV-1 p24	Western Blot: 0.1µg /lane of recombinant HIV p24 can be detected on blot when antibody is used @ 0.1µg/mL.
Immunogen: Purified recombinant HIV-1 p24 (core protein)	References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
Fusion Myeloma: Sp2/0-Ag14	
Specificity: This mAb reacts with HIV-1 p24 (core protein). No cross activity with HIV-1 GP41 and HIV-2 GP36 was found.	
Species Reactivity: Human immunodeficiency virus, others not tested	
Host / Isotype: Mouse, IgG1 Kappa	
Formulation: Lyophilized in 0.01M PBS, pH 7.2	
Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.	
Storage: Store at -20°C	

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administered to human and animals for use in diagnostic and therapeutic procedures.

Manufactured by ANOGEN - A Division of YES Biotech Laboratories Ltd.