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

Product Name: HRP conjugated mAb anti- HIV-1 p24

Clone No.: 473

Catalogue No.: MO-I40002T2

Quantity: 0.2 mL/vial

Description:	Horseradish peroxidase (HRP) conjugated mouse monoclonal antibody to human immunodeficiency virus 1 (HIV-1)p24 (core protein)	Storage:	Store at -20°C
Purification:	Protein G affinity purified	Research Area:	Virology
Product Type:	Tracer antibody in matched antibody pair, HRP conjugated.	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.
Target Protein:	HIV-1 p24	Applications:	ELISA: In combination with anti-HIV-1 p24 capture antibody mAb clone 340 (Cat. No. MO-I40002D2), this HRP conjugated antibody can be used as a tracer antibody for HIV-1 p24 detection in sandwich ELISA.
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		
Storage Buffer Formulation:	Mixture of 50% glycerol and 50% PH7.2 0.01M PBS. Final PH = 7.0 ± 0.1.		

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.

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