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Mouse anti-HIV-1 P24 (Core Protein) Monoclonal Antibody [473] Datasheet (Tracer: HRP-Conjugated)

Catalogue No	MO-I40002T2
Product name	HRP-Conjugated Mouse anti-HIV-1 P24 (core protein) monoclonal antibody [473]
Clone No	473
Product type	Matched Antibody Pair Tracer Antibody. Matched pair with clone 340 [Cat MO-I40002D2]
Description	Mouse monoclonal antibody (MAb) to HIV-1 P24 (core protein), Protein G affinity purified and conjugated with Horseradish Peroxidase (HRP).
Target protein	Human HIV-1 P24 (core protein)
Immunogen	Purified recombinant HIV-1 P24 (core protein)
Specificity	This monoclonal antibody reacts with HIV-1 P24 (core protein)
Reactivity	Human, others not tested
Cross-reactivity	No cross activity with HIV-1 GP41 and HIV-2 GP36
Clonality	Monoclonal
Source	Mouse
Myeloma	Sp2/0-Ag14
Subclass	IgG1
Light Chain	Kappa
Formulation	Liquid. Buffer: in 0.01M PBS, pH 7.0±0.1 in 50% glycerol
Applications	ELISA: This monoclonal antibody can be used as tracer antibody in a sandwich ELISA for HIV P24 detection in combination with capture antibody [Cat No; MO-I40002D2]. Suggested working condition: 1:1000 Western Blot: Clear visible band at concentration of 0.1ug/ml antibody with 0.1 ug/well Recombinant HIV P24 0.1 ug/well reaction.
Research	Virology
Storage	Aliquot and store at -20° C
References	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.

This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administrated to human and animals for use in diagnostic and therapeutic procedures.

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