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Mouse anti-HIV-1 P24 (Core Protein) Monoclonal Antibody [340] Datasheet

Catalogue No	MO-I40002D2
Product name	Mouse anti-HIV-1 P24 (core protein) monoclonal antibody [340]
Clone No	340
Product type	Primary antibodies, matched pair with clone 473 [Cat MO-I40002T2]
Description	Mouse monoclonal antibody (MAb) to HIV-1 P24 (core protein), Protein G affinity purified
Target protein	Human HIV-1 P24 (core protein)
Immunogen	Purified recombinant HIV-1 P24 (core protein)
Specificity	This MAb 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	Lyophilized from a solution in 0.01M PBS, pH 7.2
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml and aliquot
Applications	<p>ELISA: This monoclonal antibody can be used as capture antibody in a sandwich ELISA for HIV P24 detection in combination with HRP-conjugated tracer antibody [Clone 473, Cat No; MO I XXXXX]. Suggested Capture coating dose: 4 ug/ml for ELISA], coating 100 ul/well, substrate: TMB</p> <p>Western blot: Clear visible band at concentration of 0.1ug/ml antibody with 0.1 ug /well of Recombinant HIV P24 reaction.</p>
Research	Virology
Storage	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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