



ANOGEN - A Division of YES Biotech Laboratories Ltd.

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Mouse anti-HIV-1 P24 (Core Protein) Monoclonal Antibody [504] Datasheet

Catalogue No	MO-I40002D
Product name	Mouse anti-HIV-1 P24 (core protein) monoclonal antibody [504]
Clone No	504
Product type	Primary antibodies
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 GP 36
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
Applications	ELISA: This antibody can be used as a capture antibody in sandwich ELISA applications for HIV detection in combination with a monoclonal tracer/detection antibody (Biotin-conjugated, Cat. No.: MO-I40002TB). Reactivity against HIV-1 >10 ⁻⁵ . Western Blot: 0.1-0.5µg/mL of antibody used with 0.1µg/lane of antigen in reduced SDS-PAGE gel then blotted on PVDF membrane.
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 administration to humans and animals for use in diagnostic and therapeutic procedures.

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