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Mouse Anti HIV-I p24 (clone 4)

ANT0061
50µg

Description	HIV-1 Gag p24 antigen is a capsid protein that constitutes the core of HIV-I. P24 protein is detectable starting from the early stage of AIDS virus infection, for this reason it is an interesting marker for disease progression in infected patients. Monoclonal anti p24 antibody clone 2 is designed for the detection of p24 core antigen in human serum or plasma from infected individuals as well as in cell culture supernatant.
Product type	Monoclonal antibody. (Hybridoma provided from King's College London Business Ltd. Dr Michael Jorgensen)
Immunogen	Bacterially expressed, hexahistidine amino-terminal tagged HIV-1 p24 gag recombinant protein (clade B, HXB-3 isolate).
Source	Mouse monoclonal $IgG_{1,k}$
Reacts with	HIV-1 p24 protein
Specificity	NA Epitope map not available.
Tested applications	ELISA, Western Blotting
Recommended dilutions	Recommended starting dilutions can vary lot-to-lot. Consult the product information label in the package for lot specific values. **Note:** When using any primary antibody or fluorescence-labelled secondary antibody for the first time, titrate out the antibody to determine which dilution allows the strongest specific signal with the lowest background for your sample. *For untested applications or species please refer to the S.M.A.K. program.*
Purity	Antibodies are purified from supernatants of hybridoma cell cultures by affinity chromatography.
Form	Liquid. Supplied in 100mM sodium citrate, 50mM Tris and 0.05% v/v glycerol. Neutral pH.
Storage instructions	Shipped at +4°C. When stored at +4°C, the antibody is stable for 12 months. For extended storage, the solution may be frozen at −20°C in working aliquots. **Note**: Avoid repeated freezing and thawing cycles.
References	Available on library section: **http://www.diatheva.com/library.htm**