



Mouse Monoclonal Anti-HIV-1-p24

PRODUCT CODE : BC 1071

CLONE NO. : EH12E1*

IMMUNOGEN : HIV-1 (CBL-1) isolate*

FORM : Presented as Protein G affinity purified immunoglobulin in phosphate buffered saline (PBS), pH 7.2. Contains 0.09% sodium azide as preservative. Product has undergone a final 0.2 micron filtration.

ANTIBODY CONCENTRATION : 1.0 mg/ml ($E_{280nm}^{0.1\%} = 1.36$)

IMMUNOGLOBULIN SUBCLASS : IgG1*

PURITY : >95% IgG content, assessed by visual evaluation "Phast" SDS-PAGE (non-reduced).

SPECIFICITY : Mapped to a complex epitope incorporating 2 distinct peptide sequences**. These are GHQAAMQMLKETINEEAAEWDRVHPVH AGPIAPGQ (aa 193-227) and NPPIPVGEIYKRWII (aa 253-267). These regions of p24 are conserved between HIV-1 strains, and also substantially between HIV-1 and HIV-2.
The specific reactivity with the structural p24 gag protein of HIV-1 was demonstrated by the Western Blot technique.

PACKAGING : 1 x 0.5mg (0.5ml) and 1 x 0.1mg(0.1ml)

STORAGE : +2 to +8°C

FOR RESEARCH PURPOSES ONLY

References :

* Ferns R.B., Tedder R.S., and Weiss R.A. J. Gen. Virol (1987), 68, 1543-1551

** Ferns R.B., Partridge J.C., Spence R.P., Hunt N. and Tedder R.S. (1989) AIDS 3 : 829-834 26/01/94

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QUALITY
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