



Anti Immuno-deficiency virus reverse transcriptase (HIV-RT)

Specificity: Recognizes an epitope on HIV-RT that is different from AS35-P epitope.

Isotype: mouse IgG1

Clone: AS34

Concentration: 0.1 mg/ml

Formulation: Provided as a 0.2 μ m sterile-filtered solution in Ca⁺⁺ & Mg⁺⁺ free Dulbecco's PBS with 0.08% sodium azide.

Applications: ELISA: This antibody has been used as a coating antibody at 10 μ g/ml in a two site ELISA with AS35. Typically the ELISA has a working range of 2-500 ng/ml and a sensitivity of <1 ng/ml HIV-RT. Recommended sample volumes are 50-200 μ l. Immunoaffinity purification: This antibody, covalently coupled to protein A agarose, has been used to immunoaffinity purify HIV-RT. Immunoprecipitation: This antibody has been used to immunoprecipitate > 90% HIV-RT in solution using a double-antibody method. (Midgley, AR and Hepburn, MR, Methods Enzymol., 70, 266, 1980). Immunoprecipitation has also been accomplished using Protein G agarose.

Immunogen: recombinant immuno-deficiency virus reverse transcriptase (HIV-RT).

Antibody Source: *In vitro* cell culture, protein G purified.

Antibody Purity: > 95 % by SDS PAGE

Storage: Antibodies should be stored at -20°C. Aliquot to avoid freeze/thaw cycles.

Stability: Antibodies are stable for one year from purchase if stored frozen.

Ordering Information:	Form	Vial Size	Catalog #
	Pure	100 μ g	F100M

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