



Anti-HIV type 1 Glycoprotein 120 Polyclonal antibody (DPAB0252)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	gp120 (predominate gp120 band in Western blot). Antiserum does not cross-react with human T or B cells. Antiserum is not reactive with human or bovine sera.
Target	HIV type 1 Glycoprotein 120
Immunogen	Purified native gp120 from strain IIIB
Source/Host	Goat
Species Reactivity	HIV
Purification	Covalently coupled with the N-Hydroxysuccinimide ester of Biotin under mild conditions to give a high degree of substitution.
Conjugate	Biotin
Applications	Suitable for use with avidin and streptavidin amplifications systems for Western blot and ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Concentration	4–5mg/ml (OD280nm, E0.1%=1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 Product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	HIV-1 is the most common and pathogenic strain of the virus. Scientists divide HIV-1 into a Group M (major) and two or more minor groups.
Keywords	HIV-1 gp120; HIV1 gp120; Envelope surface glycoprotein gp120; Glycoprotein 120; gp120; gp120 glycoprotein; Human Immunodeficiency Virus 1; SU; Surface protein; Retroviridae; Lentivirus