



Anti-HIV type 1 Glycoprotein 41 Polyclonal antibody (DPAB0255)

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

PRODUCT INFORMATION

Specificity	a.a. 546-a.a.682 sequence from strain HxB2. Reactive with gp41 in Western blot immunoassay. Antiserum does not cross-react with human T or B cells. Antiserum has not been adsorbed to remove anti-beta-galactosidase activity.
Target	HIV type 1 Glycoprotein 41
Immunogen	Recombinant (P. Pastoris) ectodomain of gp41 (glycosylated)
Source/Host	Goat
Species Reactivity	HIV
Purification	95% pure. Sodium sulfate precipitation and ion-exchange chromatography
Conjugate	Unconjugated
Applications	Suitable for use in Western blot. It is also suitable for conjugation purposes. 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.
Format	Purified, Liquid
Concentration	4-5mg/ml (OD280nm, E0.1%=1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 No stabilizing proteins have been added.
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 gp41; HIV1 gp41 (HRP); Env; Env polyprotein; Envelope glycoprotein gp160; Envelope Protein gp120; Glycoprotein 41; GP120; gp41; Human Immunodeficiency Virus 1; Human Immunodeficiency Virus Type 1 gp41; TM; Transmembrane protein; Retroviridae; Lentivirus
