



Anti-HIV-1 polyclonal antibody (DPBT-66874GH)

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

PRODUCT INFORMATION

Product Overview	Goat Anti Human Immunodeficiency Virus1Goat Anti Human Immunodeficiency Virus1
Immunogen	Purified gp120 from strain IIIB
Isotype	IgG
Source/Host	Goat
Species Reactivity	Virus
Conjugate	Unconjugated
Applications	IHC, ELISA, FC, WB
Format	Purified IgG - liquid
Concentration	1.0 mg/ml
Size	1 ml
Buffer	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Storage	Store at +4 °C or at -20 °C if preferred.Storage in frost-free freezers is not recommended.This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

Introduction

Human immunodeficiency virus (HIV) is a lentivirus (a member of the retrovirus family) that causes acquired immunodeficiency syndrome (AIDS), a condition in humans in which progressive failure of the immune system allows life-threatening opportunistic infections and cancers to thrive. Infection with HIV occurs by the transfer of blood, semen, vaginal fluid, pre-ejaculate, or breast milk. Within these bodily fluids, HIV is present as both free virus particles and virus within infected immune cells. The four major routes of transmission are unsafe sex, contaminated needles, breast milk, and transmission from an infected mother to her baby at birth (perinatal transmission). Screening of blood products for HIV has largely eliminated transmission through blood transfusions or infected blood products in the developed world.

Keywords

HIV 1; HTLV3; Human Immunodeficiency Virus 1; Group VI (ssRNA-RT); Retroviridae; Lentivirus; human immunodeficiency virus