PA007183: Recombinant Anti-HIV V1V2 Loop Glycan Human IgG1 Lambda Monoclonal Antibody (Clone: PG9), In Vivo Grade

Catalog No.: PA007183 | **Product Name:** In Vivo Grade Recombinant Anti-HIV V1V2 Loop Glycan Monoclonal Antibody (Clone PG9), Human IgG1 Lambda

The research grade anti-HIV V1V2 loop glycan monoclonal antibody (clone PG9) is for research use only (RUO). Recombinant human IgG1 isotype controls are available.

PRODUCT SPECIFICATIONS

Catalog No.	PA007183
Product Name	In Vivo Grade Recombinant Anti-HIV V1V2 Loop Glycan Monoclonal Antibody (Clone PG9), Human IgG1 Lambda
Supplier Name	Syd Labs, Inc.
Brand Name	Syd Labs
Summary	The in vivo grade recombinant anti-HIV V1V2 loop glycan human IgG1 monoclonal antibody was produced in mammalian cells.
Clone	PG9.
Isotype	human IgG1, lambda.
Specificity/Sensitivity	HIV V1V2 loop glycan.
Applications	ELISA, Western blot, immunohistochemistry (IHC), Flow Cytometry (FC), and various in vitro and in vivo functional assays.
Form Of Antibody	0.2 μM filtered solution of 1x PBS.
Endotoxin	Less than 1 EU/mg of protein as determined by LAL method.
Purity	>95% by SDS-PAGE under reducing conditions.
Shipping & Storage	The in vivo grade recombinant anti-HIV V1V2 loop glycan antibody (clone of PG9) is shipped with ice pack. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 1 month from date of receipt, 2 to 8°C as supplied. 3 months from date of receipt, -20°C to -70°C as supplied.

REFERENCES & BACKGROUND

The in vivo grade recombinant anti-HIV V1V2 loop glycan human IgG1 monoclonal antibody was produced in mammalian cells.

Clone PG9 is a classic broadly neutralizing antibody that recognizes quaternary epitopes composed of conserved glycans and strand strands within the V1V2 loop at the apex of the HIV-1 envelope trimer, providing an indispensable tool for structural studies and neutralization assays.