PA007184: Recombinant Anti-HIV V2 Apex Human IgG1 Kappa Monoclonal Antibody (Clone: PGT145), In Vivo Grade

Catalog No.: PA007184 | **Product Name:** In Vivo Grade Recombinant Anti-HIV V2 Apex Monoclonal Antibody (Clone PGT145), Human IgG1 Kappa

The research grade anti-HIV V2 apex monoclonal antibody (clone PGT145) is for research use only (RUO). Recombinant human IgG1 isotype controls are available.

PRODUCT SPECIFICATIONS

Catalog No.	PA007184
Product Name	In Vivo Grade Recombinant Anti-HIV V2 Apex Monoclonal Antibody (Clone PGT145), Human IgG1 Kappa
Supplier Name	Syd Labs, Inc.
Brand Name	Syd Labs
Summary	The in vivo grade recombinant anti-HIV V2 apex human IgG1 monoclonal antibody was produced in mammalian cells.
Clone	PGT145.
Isotype	human IgG1, kappa.
Specificity/Sensitivity	HIV V2 apex.
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 V2 apex antibody (clone of PGT145) 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 V2 apex human IgG1 monoclonal antibody was produced in mammalian cells.

Clone PGT145 is a quaternary structure-dependent broadly neutralizing antibody targeting the V2 apex region at the top of the native HIV-1 Env trimer, making it a critical tool for structural integrity assays, trimer verification, and neutralization studies.