# PA007177: Recombinant Anti-HIV V3 Loop Glycan Human IgG1 Lambda Monoclonal Antibody (Clone: 10-1074), In Vivo Grade

**Catalog No.:** PA007177 | **Product Name:** In Vivo Grade Recombinant Anti-HIV V3 Loop Glycan Monoclonal Antibody (Clone 10-1074), Human IgG1 Lambda

The research grade anti-HIV V3 loop glycan monoclonal antibody (clone 10-1074) is for research use only (RUO). Recombinant human IgG1 isotype controls are available.

## PRODUCT SPECIFICATIONS

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| **Catalog No.** | PA007177 |
| **Product Name** | In Vivo Grade Recombinant Anti-HIV V3 Loop Glycan Monoclonal Antibody (Clone 10-1074), Human IgG1 Lambda |
| **Supplier Name** | Syd Labs, Inc. |
| **Brand Name** | Syd Labs |
| **Summary** | The in vivo grade recombinant anti-HIV V3 loop glycan human IgG1 monoclonal antibody was produced in mammalian cells. |
| **Clone** | 10-1074. |
| **Isotype** | human IgG1, lambda. |
| **Specificity/Sensitivity** | HIV V3 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 V3 loop glycan antibody (clone of 10-1074) 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 V3 loop glycan human IgG1 monoclonal antibody was produced in mammalian cells.

Clone 10-1074 is a highly potent broadly neutralizing monoclonal antibody that specifically targets the base of the V3 loop and associated glycans (such as N332) on the HIV-1 envelope glycoprotein, serving as an important tool for viral suppression studies, neutralization profiling, and structural biology.