**GENERAL INFORMATION**

**Immunogen:** Recombinant HIV-1 Gag-P24 protein (Catalog#11695-V08E)

**Preparation:** This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant HIV-1 Gag-p24 (HIV-1 Gag-p24; Catalog#11695-V08E; AOI05538.1; Pro 133-Leu 363). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

**Ig Type:** Mouse IgG1

**Clone ID:** 9B6C2B7

**Specificity:** HIV-1 Gag-p24

**Formulation:** 0.2 μm filtered solution in PBS

**Storage:** This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

**APPLICATIONS**

**Applications:** WB, ELISA, IHC-P, FCM, ICC/IF, IF, IP

(Antibody’s applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.)

**RECOMMENDED CONCENTRATION**

**Western Blot**

This antibody can be used at 1:500-1:1000 with the appropriate secondary reagents to detect HIV-1 Gag-p24 in WB. Using a DAB detection system, the detection limit for HIV-1 Gag-p24 is approximately 20 ng/lane under non-reducing conditions and 4 ng/lane under reducing conditions.

**ELISA**

ELISA: 1:1000-1:2000

This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect HIV-1 Gag-p24.

*Please Note: Optimal concentrations/dilutions should be determined by the end user.*