

#### PRODUCT CHARACTERISTICS

Concentration: 1-1.5 mg/mL determined by UV absorbance at 280 nm (see vial label)

**Specificity:** Reacts to HIV-1 p17 protein

Source: Murine monoclonal IgG1 from serum-free culture supernatant

**Purification:** Protein G chromatography

Purity: > 80% (Coomassie blue SDS-PAGE)

Immunogen: HIV-1 (Strain IIIB) lysate

**Formulation:** 1 mg in PBS, pH 7.2 No preservatives

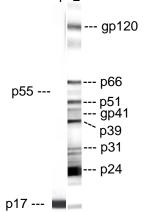
**Epitope:** Amino acids Glu17-Arg22 (see reference below)

## **STORAGE**

Store at -10 °C or below. Repetitive freezing and thawing are not recommended (aliquot as necessary). Thawed material may be stored at 4°C for short-term usage.

### **APPLICATIONS**

### Western Blot: Use at ~1:1000 dilution



HIV-1 IIIB virus lysate proteins were separated by electrophoresis and transferred onto a nitrocellulose membrane. The following antibodies were used in Western blot analysis.

Strip 1 - Anti-HIV-1 p17 Clone 32/1.24.89

Strip 2 - Human Anti-HIV polyclonal

ELISA: Use at ~1:1000 dilution

Recommended dilutions are intended as a guide. Optimal dilutions should be determined by each laboratory based on the application. Conditions for applications such as immunoprecipitation, immunofluorescence and other EIA assays must be determined experimentally by the investigator.

# **REFERENCES**

**Papsidero LD, Sheu M and Ruscetti FW.** 1989. Human Immunodeficiency Virus Type 1-Neutralizing Monoclonal Antibodies Which React with p17 Core Protein: Characterization and Epitope Mapping. J. Virol. 63:267-272.

### For Research Use Only NOT for in vitro Diagnostic Use

PI0801115 Revision: 05

Effective Date: 02/21/2024

REF	Catalog Number	X	Temperature Limitation
LOT	Batch Code	₽	Expiration Date
RUO	For Research Use Only	€	Biological Risk
-	Manufacturer		

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