

PRODUCT CHARACTERISTICS

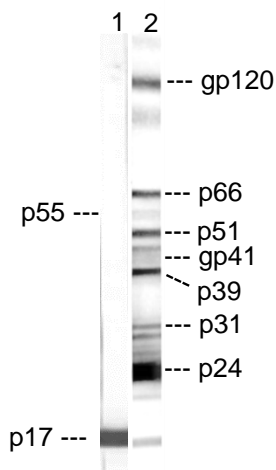
Concentration:	1-1.5 mg/mL determined by UV absorbance at 280 nm (see vial label)
Specificity:	Reacts to HIV-1 p17 protein
Source:	Murine monoclonal IgG2a from serum-free culture supernatant
Purification:	Protein A chromatography
Purity:	≥ 80% (Coomassie blue SDS-PAGE)
Immunogen:	HIV-1 (Strain IIIB) lysate
Formulation:	100 µg in PBS, pH 7.2 No preservatives
Epitope:	Amino acids Glu12-Ile19 (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 32/5.8.42

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

PI0801005
Revision: 05
Effective Date: 02/21/2024

REF	Catalog Number	TEMP	Temperature Limitation
LOT	Batch Code	CLOCK	Expiration Date
RUO	For Research Use Only	BIO	Biological Risk
MAN	Manufacturer		

PCA# 24-059
Page 1 of 1