



# HIV Protease (Human Immunodeficiency Virus, PR, Retropepsin)

## Catalog number

H6000-08A

## Supplier

United States Biological

## Applications:

Suitable for use in Inhibition assay, ELISA and Western Blot. Other applications not tested.

## Recommended Dilution

Western Blot: 0.5ug/ml

ELISA: 1:2000

Dot Blot: 1:100-1:2000

Optimal dilutions to be determined by the researcher.

## Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

## Immunogen

Recombinant protein corresponding to HIV-1 protease.

## Formulation

Supplied as a liquid in PBS, pH 7.4, 15mM sodium azide.

## Purity

Purified by Protein A affinity chromatography.

## Specificity

Recognizes the free N-terminus of mature HIV protease (HIV-1 and HIV-2). Does not react with precursor. Strongly inhibits the enzyme activity of HIV-1 and HIV-2 proteases.

## Product Type

Mab

## Isotype

IgG1

## Grade

Affinity Purified

## Applications

E WB



## Storage

-20°C

## Reference

1. Lescar J et al. Inhibition of the HIV-1 and HIV-2 proteases by a monoclonal antibody. *Protein Sci* 8:2686-96 (1999). <PUBMED:10631984>