

Datasheet for ABIN2452028

**anti-HIV-1 p24 antibody (Biotin)****1** Image**4** Publications[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	HIV-1 p24
Reactivity:	Human Immunodeficiency Virus (HIV)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIV-1 p24 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

## Product Details

Isotype:	IgG
Characteristics:	This product is a biotinylated IgG ([biotin]/[IgG] = 8.0) produced from the purified IgG fraction of rabbit anti-p24 serum.
Purification:	Purified
Sterility:	Sterile filtered

## Target Details

Target:	HIV-1 p24
Alternative Name:	HIV-1 p24 ( <a href="#">HIV-1 p24 Products</a> )
Target Type:	Viral Protein
Background:	HIV-1 Gag p24 is a capsid protein that constitutes the core of AIDS virus HIV-1 and is produced

## Target Details

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by digestion of its precursor Gag p55 by HIV-1 protease. This protein is indispensable to the reproduction of AIDS virus and constitutes an essential element for the AIDS virus particle construction. p24 is used as a marker antigen for observing the patient's condition after treatment, as it indicates the amount of virus in the blood. The product is prepared by immunizing rabbit with recombinant p24 protein which was over-expressed in E. coli with a plasmid carrying the Gag p24 coding region of HIV-1 virus, subtype B, and was highly purified by several steps of chromatography. Using this antiserum in Western blotting, the bands of 24 kD, 55 kD and 41 kD corresponding respectively to HIV-p24 and its precursors p55 and p41 were observed in the extract of the AIDS virus infected cells.

## Application Details

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Application Notes:	1. Western blotting 2. Immunoprecipitation 3. Immunofluorescence staining 4. ELISA Not tested in other application
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Restrictions:	For Research Use only
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## Handling

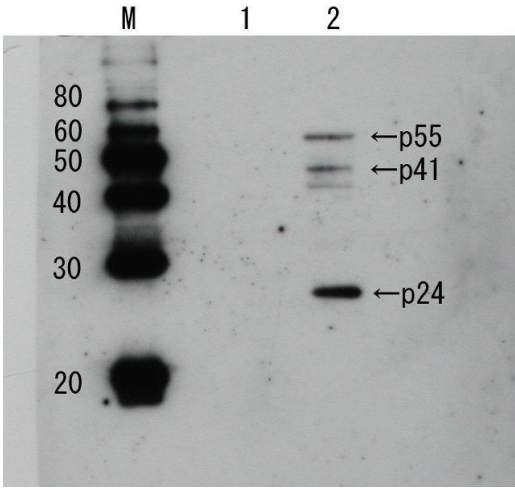
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Format:	Liquid
Concentration:	0.9 mg/mL
Buffer:	PBS, 50 % glycerol
Preservative:	Azide free
Storage:	-20 °C

## Publications

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Product cited in:	Schaeffer, Hansen, Morris, LeBoeuf, Abrass: "RNA-binding protein IGF2BP2/IMP2 is required for laminin-?2 mRNA translation and is modulated by glucose concentration." in: <b>American journal of physiology. Renal physiology</b> , Vol. 303, Issue 1, pp. F75-82, (2012) ( <a href="#">PubMed</a> ).
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Western Blotting

Image 1.