

Datasheet for ABIN2452021

anti-HIV-1 p24 antibody (full length)**2** Images**3** Publications[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	HIV-1 p24
Binding Specificity:	full length
Reactivity:	Human Immunodeficiency Virus (HIV)
Host:	Guinea Pig
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB), Immunoprecipitation (IP), Dot Blot (DB)

Product Details

Immunogen:	Purified full-size recombinant Gag p24 of HIV-1 subtype B expressed in E. coli
Characteristics:	Antiserum
Purification:	Guinea Pig serum

Target Details

Target:	HIV-1 p24
Alternative Name:	HIV-1 Gag p24 (HIV-1 p24 Products)
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 by the 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. As this protein is detectable from the early stage of AIDS virus infection, it is used

Target Details

as a marker for observation of the patient's condition after treatment, as it indicates the amount of virus in the blood. 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

Application Notes:	1. Western blot: 1/2,000~1/5000 2. Dot blot (assay dependent) 3. Immunoprecipitation (assay dependent) 4. ELISA (assay dependent) Other applications have not been tested.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	0.09 % sodium azide
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Preservative:	Sodium azide
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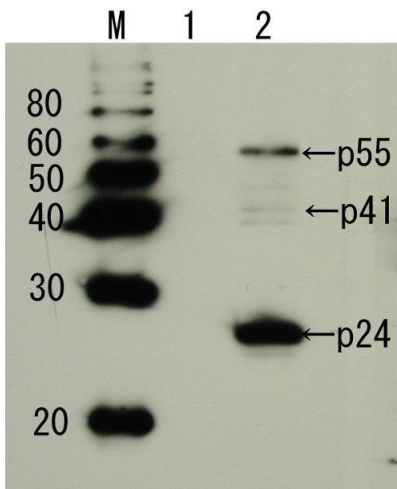
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Upon receipt aliquot and store at -20 C
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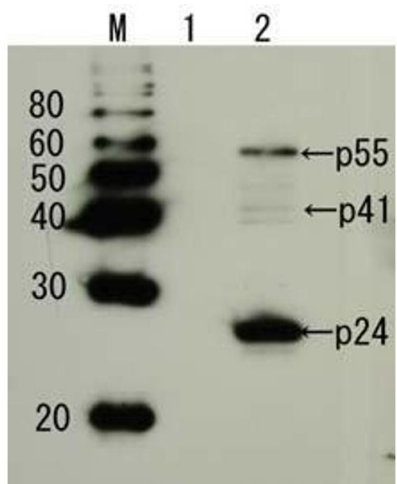
Publications

Product cited in:	Walker: "Understanding the complexity of an organism's responses to DNA damage." in: Cold Spring Harbor symposia on quantitative biology , Vol. 65, pp. 1-10, (2003) (PubMed).
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Western Blotting

Image 1.



Western Blotting

Image 2.