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Datasheet for ABIN2452017

## anti-HIV-1 p17 antibody (full length)

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### Overview

Quantity:	100 µL
Target:	HIV-1 p17
Binding Specificity:	full length
Reactivity:	Human Immunodeficiency Virus (HIV)
Host:	Guinea Pig
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Dot Blot (DB)

### Product Details

Immunogen:	Purified full-size recombinant Gag p17 of HIV-1 subtype B expressed in E. coli
Characteristics:	Whole Antiserum
Purification:	Guinea Pig serum

### Target Details

Target:	HIV-1 p17
Alternative Name:	HIV-1 Gag p17 ( <a href="#">HIV-1 p17 Products</a> )
Target Type:	Viral Protein
Background:	HIV-1 Gag p17 is the matrix protein of AIDS virus HIV-1 and is processed by digestion of its precursor Gag p55 by HIV-1 protease. This protein is indispensable to the reproduction of AIDS virus and constitute the essential element of the of AIDS virus particle construction.

## Application Details

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Application Notes:            1. Western blot  
   2. Dot blot  
   3. Immunoprecipitation  
   4. ELISA  
  
   Other applications have not been tested

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Restrictions:                 For Research Use only

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## Handling

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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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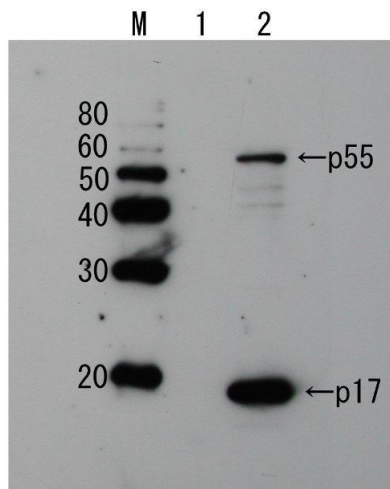
## Publications

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Product cited in:             Freed: "HIV-1 gag proteins: diverse functions in the virus life cycle." in: **Virology**, Vol. 251, Issue 1 , pp. 1-15, (1998) ([PubMed](#)).

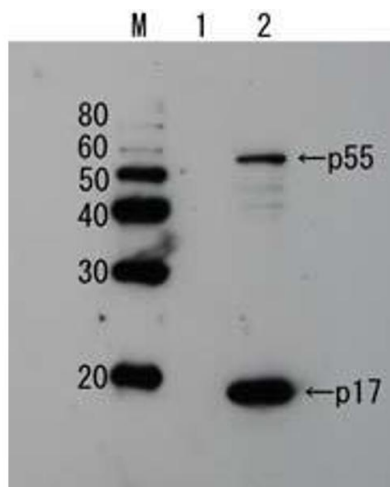
Saito, Morimoto, Ohara, Takamizawa, Nakata, Shinagawa: "Overproduction, purification, and diagnostic use of the recombinant HIV-1 Gag proteins, the precursor protein p55 and the processed products p17, p24, and p15." in: **Microbiology and immunology**, Vol. 39, Issue 7, pp. 473-83, (1996) ([PubMed](#)).

Adachi, Gendelman, Koenig, Folks, Willey, Rabson, Martin: "Production of acquired immunodeficiency syndrome-associated retrovirus in human and nonhuman cells transfected with an infectious molecular clone." in: **Journal of virology**, Vol. 59, Issue 2, pp. 284-91, (1986) ([PubMed](#)).



Western Blotting

Image 1.



Western Blotting

Image 2.