

Product datasheet

Anti-HIV1 p55 + p17 antibody ab63915

1 Image

Overview

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<b>Product name</b>	Anti-HIV1 p55 + p17 antibody
<b>Description</b>	Rabbit polyclonal to HIV1 p55 + p17
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Other species
<b>Immunogen</b>	Recombinant p17 protein over-expressed in E.coli using a plasmid carrying the Gag p17 coding region of HIV1 virus, subtype B.
<b>Positive control</b>	Extract of MT4 cells infected with HIV-1 (LAI strain).
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 6 Preservative: 0.09% Sodium azide Constituent: Whole serum
<b>Purity</b>	Whole antiserum
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

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## The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab63915 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

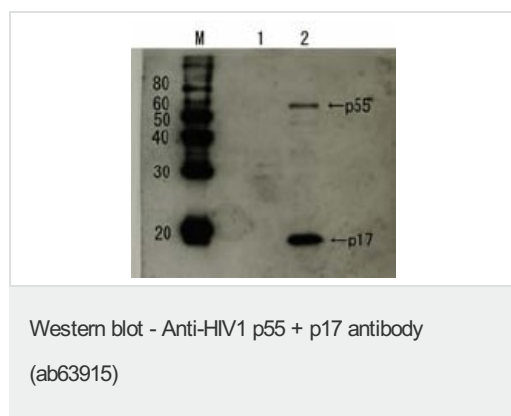
Application	Abreviews	Notes
WB		1/2500. Detects a band of approximately 17, 55 kDa.
ELISA		Use at an assay dependent concentration.

## Target

### Relevance

HIV1 performs highly complex orchestrated tasks during the assembly, budding, maturation and infection stages of the viral replication cycle. During viral assembly, the proteins form membrane associations and self-associations that ultimately result in budding of an immature virion from the infected cell. Gag precursors also function during viral assembly to selectively bind and package two plus strands of genomic RNA. HIV1 Gag p17, the HIV1 matrix protein is produced by the digestion of its precursor Gag p55 by HIV1 protease.

## Images



**All lanes :** Anti-HIV1 p55 + p17 antibody (ab63915) at 1/2500 dilution

**Lane 1 :** Extract of MT4 cells

**Lane 2 :** Extract of MT4 cells infected with HIV1 (LAI strain)

**Observed band size:** 17,55 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

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