

## Product datasheet

# Anti-HIV1 p24 antibody [N29] ab63959

[1 Image](#)

### Overview

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<b>Product name</b>	Anti-HIV1 p24 antibody [N29]
<b>Description</b>	Mouse monoclonal [N29] to HIV1 p24
<b>Host species</b>	Mouse
<b>Specificity</b>	Reacts with HIV1 native p24 as well recombinant p24.
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human immunodeficiency virus
<b>Immunogen</b>	Recombinant N terminal amino acids 1-104 of p24 protein from HIV1 (B-subtype consensus)
<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). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	N29
<b>Isotype</b>	IgG1

### Applications

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## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab63959 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
ELISA		1/10000.
WB		1/1000. Predicted molecular weight: 24 kDa.

## Target

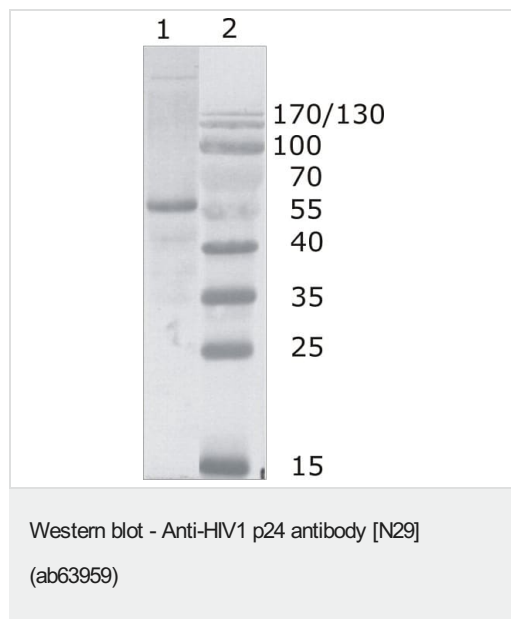
### Relevance

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. Capsid protein p24 probably forms the conical core of the virus that encapsulates the genomic RNA-nucleocapsid complex.

### Cellular localization

Membrane

## Images



**Lane 1 :** Anti-HIV1 p24 antibody [N29] (ab63959)

**Lane 1 :** HIV1 Gag p17/24 (Han-2 subtype)

**Lane 2 :** Protein size marker

**Predicted band size:** 24 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.

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