

## Product datasheet

# HRP Anti-HIV1 p24 antibody ab20365

★★★★★ 1 Abreviews 2 References

### Overview

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<b>Product name</b>	HRP Anti-HIV1 p24 antibody
<b>Description</b>	HRP Goat polyclonal to HIV1 p24
<b>Host species</b>	Goat
<b>Conjugation</b>	HRP
<b>Specificity</b>	HIV1 p24 antibody (ab20365) targets p24 (predominate p24 band pattern in Western blot). Does not cross-react with human T or B cells. Antiserum is not reactive with human or bovine sera.
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, ICC, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Species independent
<b>Immunogen</b>	Full length native protein (purified native p24 from strain IIIb).
<b>General notes</b>	<p>Purified IgG fraction covalently coupled to a highly purified preparation of horseradish peroxidase (RZ&gt;3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is removed.</p> <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.
<b>Storage buffer</b>	Preservative: 0.002% Thimerosal (merthiolate) Constituents: PBS, 1% BSA
<b>Purity</b>	IgG fraction
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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### The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab20365 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)	1/200 - 1/1000.
ICC		1/20 - 1/200.
WB		1/200 - 1/1000. Predicted molecular weight: 56 kDa. Dilution optimised using Chromogenic detection. When using chemiluminescent substrates, the assay will require much less antibody. Depending on the sensitivity of the substrate, the antibody dilution may be 1/10,000 - 1/100,000.

## Target

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### 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

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

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