abcam

Product datasheet

Anti-HIV1 p24 antibody ab19961

Overview

Product name	Anti-HIV1 p24 antibody
Description	Goat polyclonal to HIV1 p24
Host species	Goat
Specificity	p24 (predominate p24 band pattern in Western blot). Antiserum is not reactive with human or bovine sera. Does not cross-react with human T or B cells.
Tested applications	**Suitable for:** ELISA, ICC/IF, WB
Species reactivity	**Reacts with:** Human immunodeficiency virus
Immunogen	Purified native p24 from strain IIIB.
General notes	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. 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&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: 0.0268% PBS
Purity	Protein G purified
Purification notes	>95% pure. Sodium sulfate precipitation and ion exchange chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab19961 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		
ICC/IF		
WB		

Application notes ELISA: Use at an assay dependent dilution. IF: Use at an assay dependent dilution. WB: 1/1000. Dilution optimised using Chromogenic detection. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

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

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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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors