

Product datasheet

Anti-HIV1 p24 antibody ab53841

8 References

Overview

Product name	Anti-HIV1 p24 antibody
Description	Goat polyclonal to HIV1 p24
Host species	Goat
Specificity	ab53841 recognises the HIV1 viral capsid p24 protein encoded by the gag gene along with p6, p7 and p17 which provide structural elements of the virus.
Tested applications	Suitable for: ICC/IF, WB, IHC-Fr
Species reactivity	Reacts with: Human immunodeficiency virus
Immunogen	Native p24, from strain IIIIB
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: PBS
Purity	Proprietary Purification
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab53841 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
ICC/IF		Use at an assay dependent concentration.
WB		1/200 - 1/2000. Predicted molecular weight: 24 kDa.
IHC-Fr		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. 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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