

Product datasheet

Anti-HIV1 p24 antibody [5] ab63958

★★★★★ [2 Abreviews](#) [1 References](#) [1 Image](#)

Overview

Product name	Anti-HIV1 p24 antibody [5]
Description	Mouse monoclonal [5] to HIV1 p24
Host species	Mouse
Specificity	Reacts with HIV1 native p24 as well rp24 expressed in bacteria and Cos-7 cells. Reacts with rNef of HIV1 subtype B, C and A.
Tested applications	Suitable for: ELISA, WB, ICC/IF, Radioimmunoprecipitation
Species reactivity	Reacts with: Human immunodeficiency virus
Immunogen	Synthetic peptide: TPQDLNTMLNTVGGH , corresponding to amino acids 48-62 of HIV1 HXB2 p24. Run BLAST with Run BLAST with

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). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	5

Isotype

IgG2a

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab63958 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		1/25000.
WB	★★★★★ (1)	1/1000. Predicted molecular weight: 24 kDa.
ICC/IF		Use at an assay dependent concentration.
Radioimmunoprecipitation		Use at an assay dependent concentration.

Target

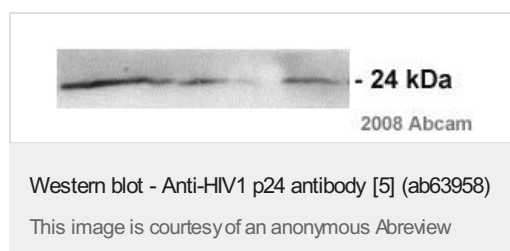
Relevance

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

Images



All lanes : Anti-HIV1 p24 antibody [5] (ab63958) at 1/1000 dilution

All lanes : Hela cells infected with HIV1 (4 hours)

Secondary

All lanes : Goat anti-mouse conjugated to HRP at 1/2500 dilution

Predicted band size: 24 kDa

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

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