

Product datasheet

Anti-HIV1 p17 antibody [1C3] ab18626

Overview

<b>Product name</b>	Anti-HIV1 p17 antibody [1C3]
<b>Description</b>	Mouse monoclonal [1C3] to HIV1 p17
<b>Tested applications</b>	<b>Suitable for:</b> IHC-Fr, ELISA, WB
<b>Species reactivity</b>	Recognizes HIV-1 p17.
<b>Immunogen</b>	Recombinant full length protein.

Properties

<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>	Preservative: 0.01% Sodium Azide Constituents: PBS, pH 7.2
<b>Purification notes</b>	Ammonium sulfate precipitate.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	1C3
<b>Isotype</b>	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab18626** 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
IHC-Fr		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
WB		1/1000. Predicted molecular weight: 17 kDa.

**Relevance**

HIV1 p17 is the matrix protein of the Gag polyprotein which 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.

**Cellular localization**

Matrix protein of HIV1 Gag polyprotein

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