

### Anti-HIV1 p17 antibody [17-1] ab66641

#### Overview

<b>Product name</b>	Anti-HIV1 p17 antibody [17-1]
<b>Description</b>	Mouse monoclonal [17-1] to HIV1 p17
<b>Host species</b>	Mouse
<b>Specificity</b>	ab66641 recognises bacterial HIV1 P17 Gag protein
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP, ICC/IF, Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human immunodeficiency virus
<b>Immunogen</b>	Recombinant full length protein corresponding to HIV1 p17. Bacterially expressed, hexahistidine amino-terminal tagged HIV-1 p17 Gag protein (clade B, HXB-3 isolate).
<b>General notes</b>	<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

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.1% Sodium azide Constituent: PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	17-1
<b>Myeloma</b>	Sp2/0
<b>Isotype</b>	IgG2b
<b>Light chain type</b>	kappa

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab66641 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
WB		1/5000. Predicted molecular weight: 161 kDa.
IP		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. <b>ab170192</b> - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

## Target

### 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

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

## 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.

## Terms and conditions

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