

Product datasheet

Anti-HIV1 p17 antibody [1C3] ab18626

Overview

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

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

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

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