

Datasheet for ABIN2669394
anti-HIV-1 p31 antibody (N-Term)



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Overview

Quantity:	50 µg
Target:	HIV-1 p31
Binding Specificity:	N-Term
Reactivity:	Human Immunodeficiency Virus (HIV)
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Bacterially expressed, hexahistidine amino-terminal tagged HIV-1 integrase protein (clade B, HXB-3 isolate)
Clone:	2
Characteristics:	Integration of viral DNA into a chromosome of the host cell is an essential step in the retroviral life cycle. This process is catalyzed by the viral enzyme integrase (IN) through 3 steps: first step, two nucleotides are removed from the 3' ends of the viral DNA (3'-end processing), second step, the recessed 3' ends of the viral DNA are then joined to 5' staggered sites in the target DNA in a concerted cleavage and ligation reaction (DNA joining), last step, integration is completed by repair of the short gaps flanking the viral DNA intermediate and subsequent joining of the 5' ends of viral DNA to the target DNA.
Purification:	Antibodies are purified from supernatants of hybridoma cell cultures by affinity chromatography.

Target Details

Target: HIV-1 p31

Alternative Name: Integrase HIV1 ([HIV-1 p31 Products](#))

Target Type: Viral Protein

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied in 100 mM sodium citrate, 50 mM Tris and 0.05 % v/v glycerol

Storage: 4 °C