Overview

Product name: Anti-HIV1 Reverse Transcriptase antibody
Description: Rabbit polyclonal to HIV1 Reverse Transcriptase
Host species: Rabbit
Tested applications: Suitable for: WB, ELISA
Species reactivity: Reacts with: Other species
Immunogen: HIV1 Reverse Transcriptase, over-expressed as recombinant protein in E.coli
Positive control: Extract of MT4 cells infected with HIV1 (LAI strain).

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer: Preservative: 0.09% Sodium azide
Constituent: Whole serum
Purity: Whole antiserum
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab63911 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
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<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>WB</td>
<td></td>
<td>1/2500. Detects a band of approximately 51, 66 kDa.</td>
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<tr>
<td>ELISA</td>
<td></td>
<td>Use at an assay dependent dilution.</td>
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Target
Relevance

HIV-1 Reverse Transcriptase is an RNA-dependent DNA polymerase of HIV-1 (AIDS virus), subtype B origin. It is responsible for the production of a double stranded DNA copy of the single stranded RNA genome that is contained in the HIV-1 virus particle and primed by the host cell lysine-tRNA which partly unfolds and anneals to the 5’ end of the viral genomic RNA. This is extended by the polymerase function of RT to give a DNA-RNA hybrid. It also has RNaseH activity which degrades the RNA component of this hybrid once it has been copied.

Images

All lanes: Anti-HIV-1 Reverse Transcriptase antibody (ab63911) at 1/2500 dilution

Lane 1: Extract of MT4 cells
Lane 2: Extract of MT4 cells infected with HIV-1 (LAI strain)

Observed band size: 51,66 kDa

why is the actual band size different from the predicted?

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