

# Biotin Anti-HIV1 tat antibody ab43015

## 3 References

### Overview

<b>Product name</b>	Biotin Anti-HIV1 tat antibody
<b>Description</b>	Biotin Rabbit polyclonal to HIV1 tat
<b>Host species</b>	Rabbit
<b>Conjugation</b>	Biotin
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA, Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human immunodeficiency virus
<b>Immunogen</b>	Recombinant full length protein expressed in E. coli
<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. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Constituents: PBS, 0.05% Glycerol
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab43015 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		
ELISA		
Flow Cyt		

#### Application notes

ELISA: 1/500. Use Streptavidin (HRP) conjugated detection reagent.  
Flow Cyt: 1/200. Use Streptavidin-FITC conjugated detection reagent.  
WB: 1/1000. Predicted molecular weight: 14 kDa. Use Streptavidin (HRP) conjugated detection reagent.

Not yet tested in other applications.  
Optimal dilutions/concentrations should be determined by the end user.

#### Target

##### Relevance

HIV1 tat (Transactivator of Transcription) protein is a pleiotropic factor that induces a broad range of biological effects in numerous cell types. At the HIV promoter, tat is a powerful transactivator of gene expression which acts by inducing chromatin remodeling and by recruiting elongation-competent transcriptional complexes on to the viral LTR.

##### Cellular localization

Nuclear. Upon stimulation with EDN1, it is exported from the nucleus to the perinuclear region.

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

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