

## Product datasheet

### Anti-Tat-SF1 antibody [EPR9104(B)] ab140654

Recombinant RabMAb

5 Images

#### Overview

<b>Product name</b>	Anti-Tat-SF1 antibody [EPR9104(B)]
<b>Description</b>	Rabbit monoclonal [EPR9104(B)] to Tat-SF1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, IP, ICC/IF <b>Unsuitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Synthetic peptide within Human Tat-SF1 aa 1-100. The exact sequence is proprietary.
<b>Positive control</b>	Jurkat and HeLa cell lysates; Human colon and uterus tissue; HeLa cells.
<b>General notes</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</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>	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant</p>
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal

**Clone number** EPR9104(B)

**Isotype** IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab140654 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		1/1000 - 1/10000. Detects a band of approximately 140 kDa (predicted molecular weight: 86 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
IP		1/10 - 1/100.
ICC/IF		1/250 - 1/500.

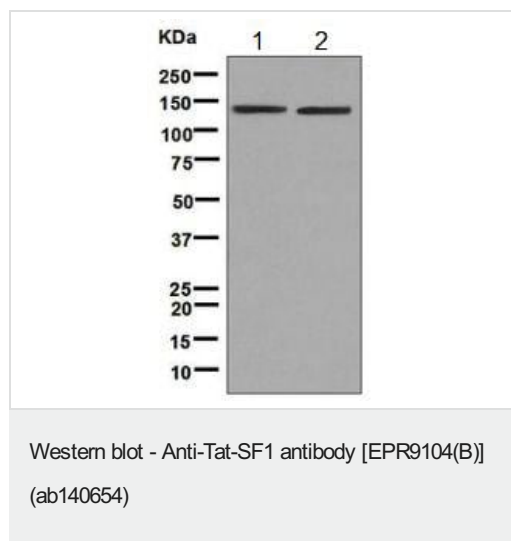
**Application notes** Is unsuitable for Flow Cyt.

## Target

**Relevance** HIV TAT specific factor(a.k.a. HTATSF1, Tat-SF1 or HTSF1) is an 86 kDa general transcription factor that plays a role in the process of transcription elongation. However, in HIV-infected cells, this factor is up-regulated by HIV Nef and gp120 and acts as a co-factor for the Tat-enhanced transcription of the HIV virus.

**Cellular localization** Nuclear

## Images



**All lanes** : Anti-Tat-SF1 antibody [EPR9104(B)] (ab140654) at 1/1000 dilution

**Lane 1** : Jurkat cell lysate

**Lane 2** : HeLa cell lysate

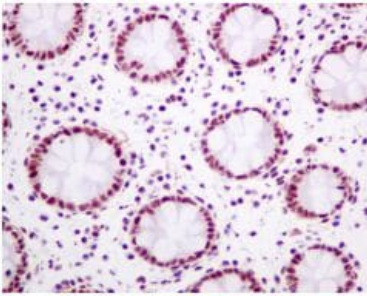
Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : Goat anti-rabbit HRP conjugated at 1/2000 dilution

**Predicted band size:** 86 kDa

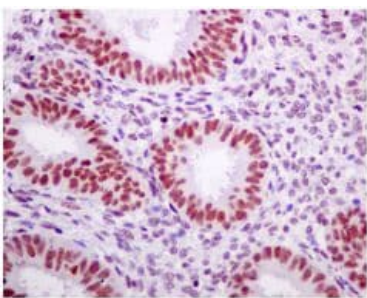
**Observed band size:** 140 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tat-SF1 antibody [EPR9104(B)] (ab140654)

Immunohistochemical analysis of paraffin-embedded Human colon tissue labelling Tat-SF1 with ab140654 at 1/250 dilution.

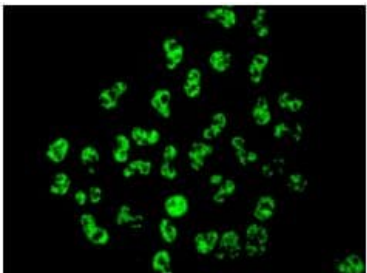
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tat-SF1 antibody [EPR9104(B)] (ab140654)

Immunohistochemical analysis of paraffin-embedded Human uterus tissue labelling Tat-SF1 with ab140654 at 1/250 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-Tat-SF1 antibody [EPR9104(B)] (ab140654)

Immunofluorescent analysis of HeLa cells labelling Tat-SF1 with ab140654 at 1/250 dilution.

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-Tat-SF1 antibody [EPR9104(B)] (ab140654)

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

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