

Product datasheet

Anti-Tat-SF1 antibody [EPR9105(B)] ab134921

Recombinant RabMAb

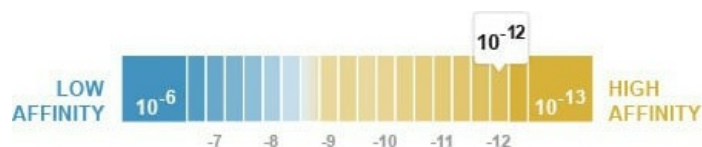
8 Images

Overview

Product name	Anti-Tat-SF1 antibody [EPR9105(B)]
Description	Rabbit monoclonal [EPR9105(B)] to Tat-SF1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF, IP Unsuitable for: Flow Cyt
Species reactivity	Reacts with: Rat, Human
Immunogen	Synthetic peptide within Human Tat-SF1 aa 350-450. The exact sequence is proprietary.
Positive control	HeLa and Jurkat cell lysates. Human colon tissue. HepG2 cells.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Dissociation constant (K_D)	K _D = 8.00 x 10 ⁻¹² M



[Learn more about K_D](#)

Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR9105(B)
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab134921 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. Predicted molecular weight: 86 kDa.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/250 - 1/500.
IP		1/10 - 1/100.

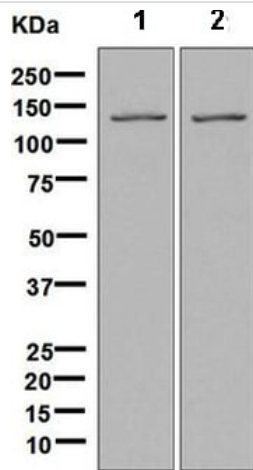
Application notes Is unsuitable for Flow Cyt.

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



Western blot - Anti-Tat-SF1 antibody [EPR9105(B)] (ab134921)

All lanes : Anti-Tat-SF1 antibody [EPR9105(B)] (ab134921) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : Jurkat cell lysate

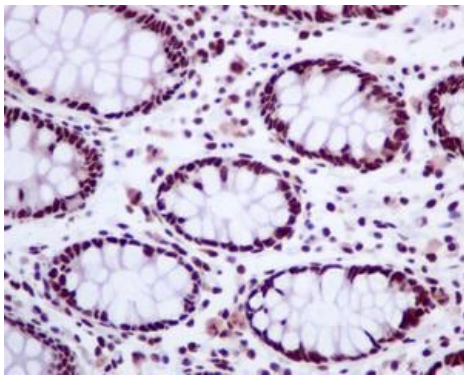
Lysates/proteins at 10 µg per lane.

Secondary

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

Developed using the ECL technique.

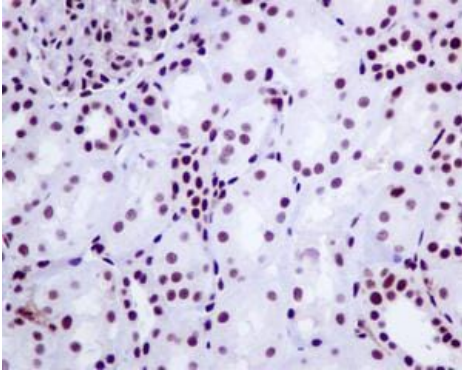
Predicted band size: 86 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tat-SF1 antibody [EPR9105(B)] (ab134921)

Immunohistochemical analysis of paraffin-embedded Human colon tissue labelling Tat-SF1 with ab134921 at 1/100 dilution.

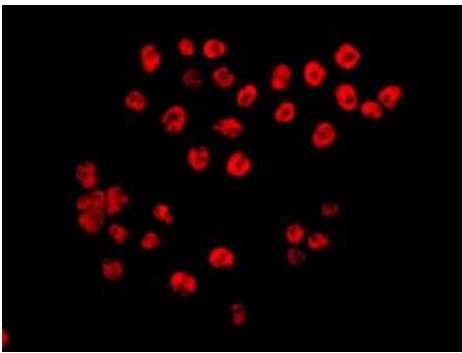
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tat-SF1 antibody [EPR9105(B)] (ab134921)

Immunohistochemical analysis of paraffin-embedded Human kidney tissue labelling Tat-SF1 with ab134921 at 1/100 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-Tat-SF1 antibody [EPR9105(B)] (ab134921)

Immunofluorescence analysis of HepG2 cells staining Tat-SF1 with ab134921 at 1/250 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tat-SF1 antibody [EPR9105(B)] (ab134921)

Immunohistochemical analysis using ab134921 showing positive staining in Normal testis tissue.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tat-SF1 antibody [EPR9105(B)] (ab134921)

Immunohistochemical analysis using ab134921 showing positive staining in Breast carcinoma tissue.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

OI-RD Scanning - Anti-Tat-SF1 antibody
[EPR9105(B)] (ab134921)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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 [EPR9105(B)] (ab134921)

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

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