

Anti-TAF7 antibody [2C5] ab57494

★★★★★ [2 Abreviews](#) [3 References](#) [5 图像](#)

概述

产品名称	Anti-TAF7抗体[2C5]
描述	小鼠单克隆抗体[2C5] to TAF7
宿主	Mouse
经测试应用	适用于: WB, IHC-P, Flow Cyt
种属反应性	与反应: Human
免疫原	Recombinant fragment: FIWNHGITLP LKNVRKRRFR KTAKKKYIES PDVEKEVKRL LSTDAEAVST RWEIIAEDET KEAENQGLDI SSPGMSGHRQ GHDSLEHDEL REIFN, corresponding to amino acids 130-224 of Human TAF7 Run BLAST with ExPASy Run BLAST with NCBI

常规说明

This product was changed from ascites to tissue culture supernatant on 12th June 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.

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.

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&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.4
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	2C5
同种型	IgG2a

kappa

The Abpromise guarantee

“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	Use at an assay dependent concentration. Predicted molecular weight: 40 kDa.
IHC-P	★★★★☆ (1)	Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. <u>ab170191</u> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

靶标

功能

Functions as a component of the DNA-binding general transcription factor complex TFIID, a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. Present in both of the previously described TFIID species which either lack or contain TAFII30 (TFIID alpha and TFIID beta respectively).

组织特异性

Ubiquitous.

序列相似性

Belongs to the TAF7 family.

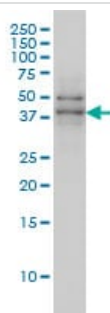
结构域

The [KR]-[STA]-K motif is specifically recognized by the SETD7 methyltransferase, which methylates Lys-5 *in vitro*.

细胞定位

Nucleus.

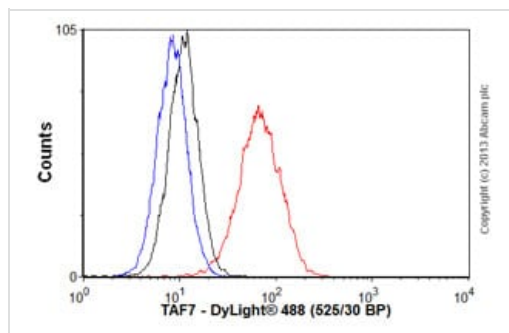
图片



TAF7 antibody (ab57494) at 1ug/lane + MCF-7 cell lysate at 25ug/lane.

This image was generated using the ascites version of the product.

Western blot - Anti-TAF7 antibody [2C5] (ab57494)

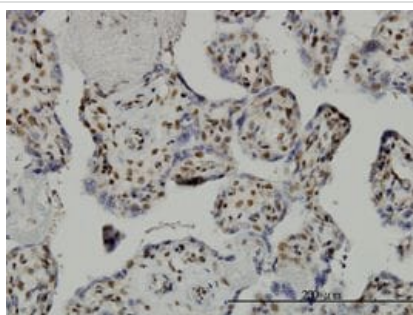


Flow Cytometry - Anti-TAF7 antibody [2C5]
(ab57494)

Overlay histogram showing HeLa cells stained with ab57494 (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab57494, 1 µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] ([ab91361](#), 1 µg/1x10⁶ cells) used under the same conditions.

Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.

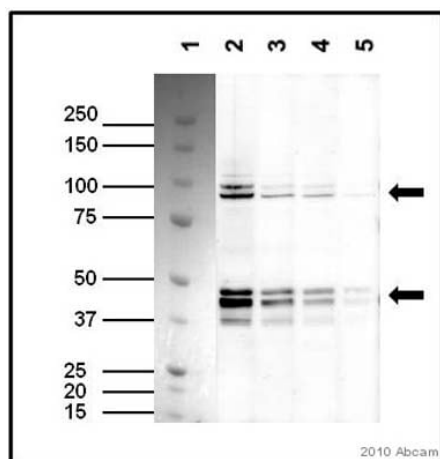
This image was generated using the ascites version of the product.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TAF7 antibody [2C5]
(ab57494)

TAF7 antibody (ab57494) used in immunohistochemistry at 1 µg/ml on formalin fixed and paraffin embedded human lymph node.

This image was generated using the ascites version of the product.



Western blot - Anti-TAF7 antibody [2C5] (ab57494)

Image kindly supplied by Dr Karin Birkenkamp-Demtroeder through Abreview

Lane 2 : Anti-TAF7 antibody [2C5] (ab57494) at 1/1250 dilution

Lane 3 : Anti-TAF7 antibody [2C5] (ab57494) at 1/2500 dilution

Lane 4 : Anti-TAF7 antibody [2C5] (ab57494) at 1/5000 dilution

Lane 5 : Anti-TAF7 antibody [2C5] (ab57494) at 1/10000 dilution

All lanes : whole cell lysate prepared from SW780 bladder cancer cells

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat anti-mouse IgG conjugated to HRP

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 40 kDa

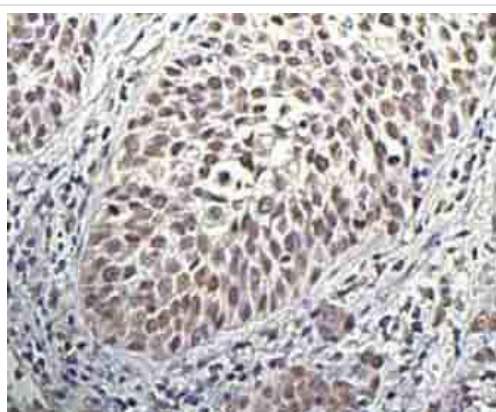
Observed band size: 40 kDa

Additional bands at: 90 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 10 minutes

Lane 1: All Blue Biorad. Gel run under denaturing conditions with a 4-12% gradient. Blocking step performed using 5% milk for one hour at room temperature. Primary antibody incubated for 16 hours.

This image was generated using the ascites version of the product.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TAF7 antibody [2C5] (ab57494)

This image was kindly supplied by Dr Karin Birkenkamp-Demtroeder by Abreview

ab57494 staining TAF7 in human bladder cancer tissue sections by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Tissue was fixed with formaldehyde and a heat mediated antigen retrieval step was performed using TEG. Samples were then blocked with 1% serum for 1 hour at room temperature followed by incubation with the primary antibody at a 1/3500 dilution for 1 hour. An undiluted HRP-conjugated goat anti-mouse IgG polyclonal was used as secondary antibody.

This image was generated using the ascites version of the product.

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