

Product datasheet

Anti-TFIIB antibody [EP4588] ab109518

RabMAb

5 Images

Overview

<b>Product name</b>	Anti-TFIIB antibody [EP4588]
<b>Description</b>	Rabbit monoclonal [EP4588] to TFIIB
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP, IHC-P, Flow Cyt <b>Unsuitable for:</b> ICC
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide within Human TFIIB aa 50-150. The exact sequence is proprietary.
<b>Positive control</b>	WB: HepG2, HeLa, Jurkat and K562 cell lysates; IHC-P: Human breast tissue IP: Jurkat cells FC: Jurkat
<b>General notes</b>	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> .

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EP4588
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab109518** 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: 35 kDa.
IP		1/10 - 1/100.
IHC-P		1/100 - 1/250. Antigen retrieval is recommended.
Flow Cyt		1/10 - 1/100. <a href="#">ab172730</a> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

**Application notes** Is unsuitable for ICC.

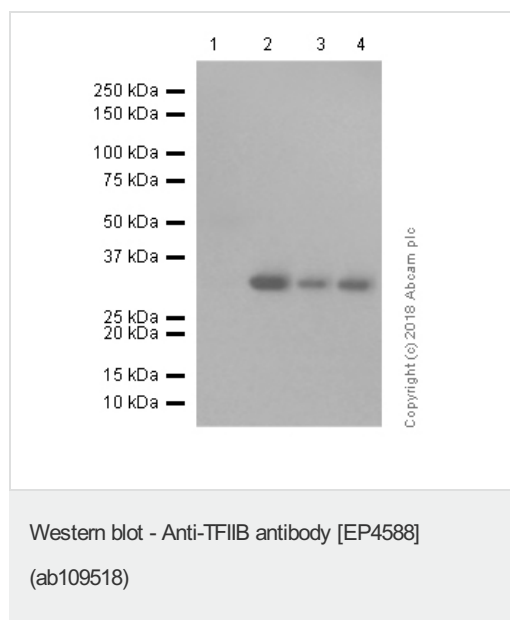
## Target

**Function** General factor that plays a major role in the activation of eukaryotic genes transcribed by RNA polymerase II.

**Sequence similarities** Belongs to the TFIIIB family.  
Contains 1 TFIIIB-type zinc finger.

**Cellular localization** Nucleus.

## Images



**All lanes** : Anti-TFIIIB antibody [EP4588] (ab109518) at 1/1000 dilution

**Lane 1** : C6(Rat glial tumor glial cell) whole cell lysate

**Lane 2** : Raw264.7(Mouse Abelson murine leukemia virus-induced tumor macrophage) whole cell lysate

**Lane 3** : PC-12(Rat adrenal gland pheochromocytoma) whole cell lysate

**Lane 4** : NIH/3T3(Mouse embryonic fibroblast) whole cell lysate

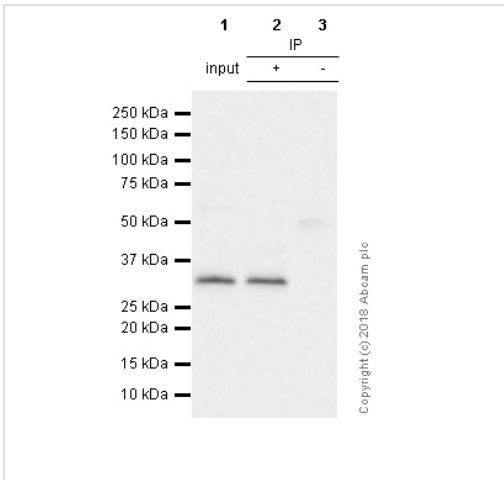
Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/1000 dilution

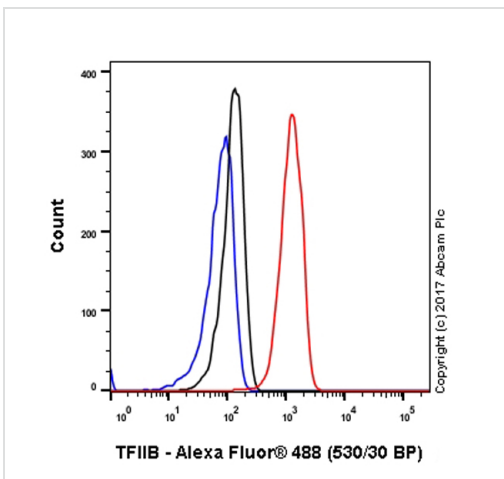
**Predicted band size:** 35 kDa

**Observed band size:** 35 kDa



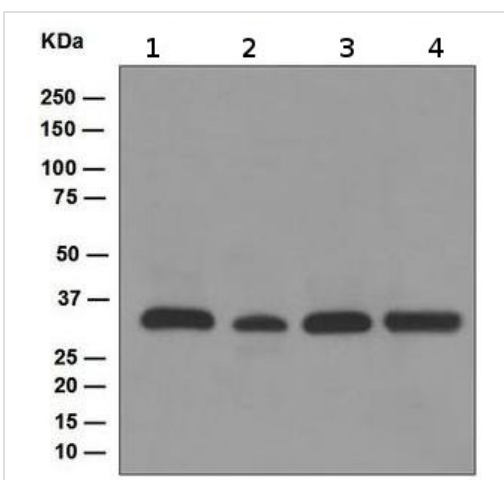
Immunoprecipitation - Anti-TFIIB antibody [EP4588]  
(ab109518)

ab109518 (purified) at 1/500 dilution (0.16 µg/ml)  
immunoprecipitating TFIIB in Jurkat whole cell lysate .  
Lane 1 (input): Jurkat(Human T cell leukemia T lymphocyte) whole cell lysate 10µg  
Lane 2 (+): ab109518 & Jurkat whole cell lysate  
Lane 3 (-): Rabbit monoclonal IgG ([ab172730](#)) instead of ab109518 in Jurkat whole cell lysate  
For western blotting, VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) was used for detection at 1/1000 dilution.  
Blocking and diluting buffer: 5% NFDm /TBST .



Flow Cytometry - Anti-TFIIB antibody [EP4588]  
(ab109518)

Flow cytometry analysis of Jurkat (Human T cell leukemia T lymphocyte) cells labelling TFIIB with ab109518 at 1/20 dilution (4.05 µg/ml) (Red). Cells were fixed with 4% paraformaldehyde .  
Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)) was used as the secondary antibody at 1/2000 dilution. Isotype control - Rabbit monoclonal IgG ([ab172730](#)) (Black). Unlabeled control - Unlabelled cells (Blue).



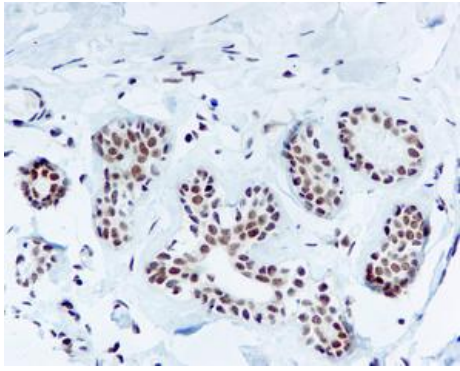
Western blot - Anti-TFIIB antibody [EP4588]  
(ab109518)

**All lanes** : Anti-TFIIB antibody [EP4588] (ab109518) at 1/1000 dilution

- Lane 1** : HepG2 cell lyaste
- Lane 2** : HeLa cell lyaste
- Lane 3** : Jurkat cell lyaste
- Lane 4** : K562 cell lyaste

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 35 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TFIIB antibody [EP4588] (ab109518)

ab109518, at a 1/100 dilution, staining TFIIB in paraffin embedded Human breast tissue by Immunohistochemistry.

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

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