

Anti-TFIIB antibody [EP4588] ab109518

RabMAb

画像数 5

製品の概要

製品名	Anti-TFIIB antibody [EP4588]
製品の詳細	Rabbit monoclonal [EP4588] to TFIIB
由来種	Rabbit
アプリケーション	適用あり: WB, IP, IHC-P, Flow Cyt (Intra) 適用なし: ICC/IF
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: HepG2, HeLa, Jurkat and K562 cell lysates; IHC-P: Human breast Tissue IP: Jurkat cells Flow Cyt (intra): Jurkat
特記事項	<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>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&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル

クローン名 EP4588
アイソタイプ IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab109518の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

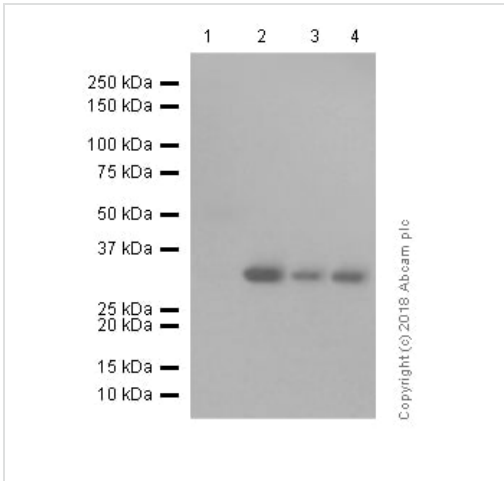
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 35 kDa.
IP		1/10 - 1/100.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Antigen retrieval is recommended.
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

追加情報 Is unsuitable for ICC/IF.

ターゲット情報

機能 General factor that plays a major role in the activation of eukaryotic genes transcribed by RNA polymerase II.
配列類似性 Belongs to the TFIIIB family.
Contains 1 TFIIIB-type zinc finger.
細胞内局在 Nucleus.

画像



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

All lanes : Anti-TFIIB 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

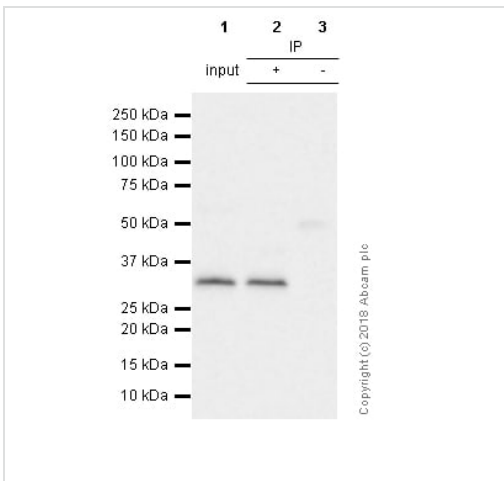
Lysates/proteins at 20 µg per lane.

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 1/20 dilution (0.16 µg/ml)

immunoprecipitating TFIIB in Jurkat whole cell lysate .

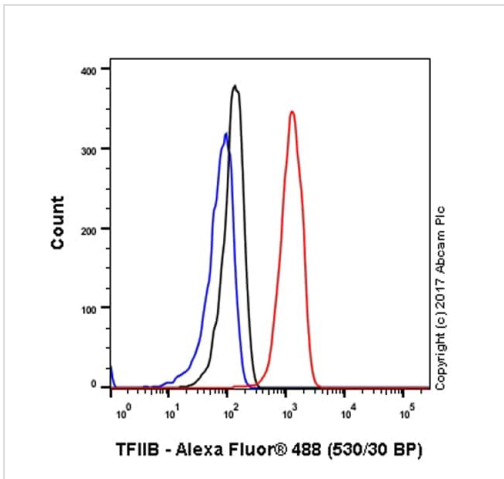
Lane 1 (input): Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate 10µg

Lane 2 (+): ab109518 & Jurkat whole cell lysate

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab109518 in Jurkat whole cell lysate.

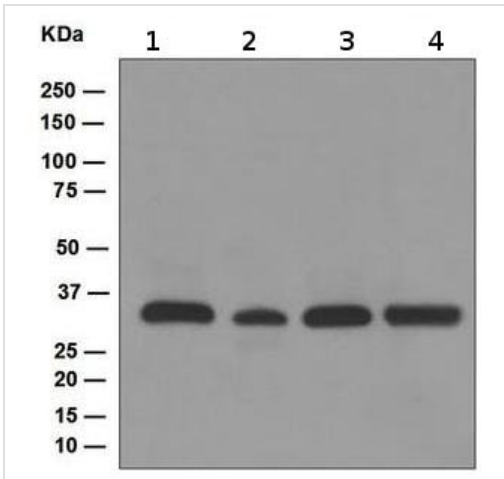
For western blotting, ab109518 at 1/500 and VeriBlot for IP Detection Reagent (HRP) (**ab131366**) was used for detection at 1/1000 dilution.

Blocking and diluting buffer: 5% NFDM /TBST.



Intracellular 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).

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



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

Lane 1 : HepG2 cell lysate

Lane 2 : HeLa cell lysate

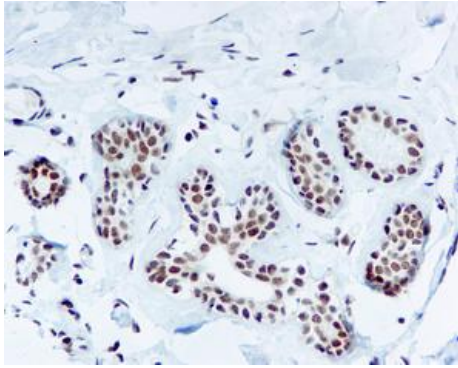
Lane 3 : Jurkat cell lysate

Lane 4 : K562 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 35 kDa

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



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

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

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

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