


# Anti-FOXK1/MNF antibody ab18196

★★★★★ [1 Abreviews](#) [24 References](#) [画像数 4](#)

### 製品の概要

製品名	Anti-FOXK1/MNF antibody
製品の詳細	Rabbit polyclonal to FOXK1/MNF
由来種	Rabbit
特異性	Replenishment batches of our polyclonal antibody, ab18196 are tested in WB. Previous batches were additionally validated in ICC/IF and IP. These applications are still expected to work and are covered by our Abpromise guarantee. You may also be interested in our alternative recombinant antibody, <a href="#">ab309510</a> .
アプリケーション	<b>適用あり:</b> WB, IP, ICC/IF
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<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&amp;As</p>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

## アプリケーション

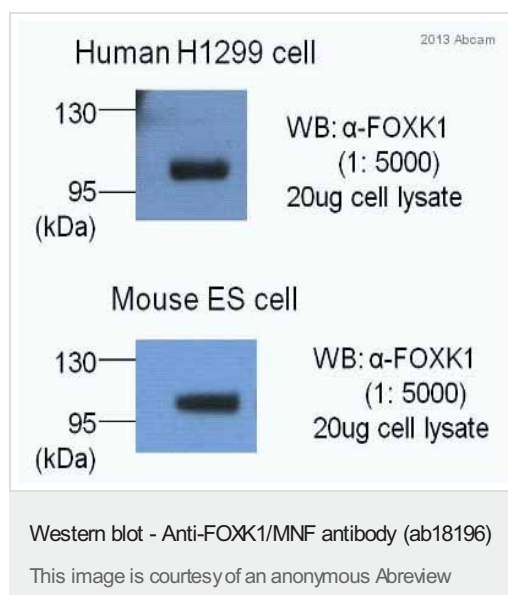
**The Abpromise guarantee** **Abpromise保証は、次のテスト済みアプリケーションにおけるab18196の使用に適用されます**  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/1000.
IP		Use at an assay dependent concentration.
ICC/IF		Use a concentration of 1 µg/ml.

## ターゲット情報

機能	Transcriptional regulator that binds to the upstream enhancer region (CCAC box) of myoglobin gene. Has a role in myogenic differentiation and in remodeling processes of adult muscles that occur in response to physiological stimuli.
組織特異性	Expressed both developing and adult tissues. In adults, significant expression is seen in tumors of the brain, colon and lymph node.
配列類似性	Contains 1 FHA domain. Contains 1 fork-head DNA-binding domain.
細胞内局在	Nucleus.

## 画像



**All lanes** : Anti-FOXK1/MNF antibody (ab18196) at 1/5000 dilution

**Lane 1** : Human H1299 cell lysate

**Lane 2** : Mouse embryonic stem cell lysate

Lysates/proteins at 20 µg per lane.

### Secondary

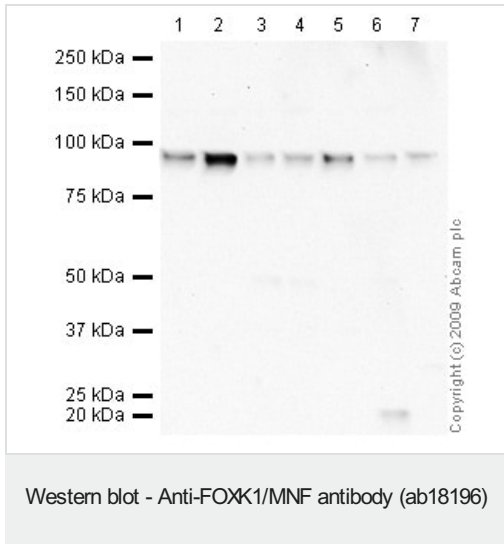
**All lanes** : HRP-conjugate Goat anti-rabbit IgG polyclonal at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Observed band size:** 100 kDa

**Exposure time:** 1 minute



**All lanes :** Anti-FOXK1/MNF antibody (ab18196) at 1/250 dilution

**Lane 1 :** HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

**Lane 2 :** HeLa (Human epithelial carcinoma cell line) Nuclear Lysate

**Lane 3 :** HepG2 (Human hepatocellular liver carcinoma cell line) Nuclear Lysate

**Lane 4 :** Jurkat (Human T cell lymphoblast-like cell line) Whole Cell Lysate

**Lane 5 :** Jurkat nuclear extract lysate ([ab14844](#))

**Lane 6 :** K562 (Human erythromyeloblastoid leukemia cell line) Whole Cell Lysate

**Lane 7 :** SW480 whole cell lysate ([ab3957](#))

Lysates/proteins at 10 µg per lane.

### **Secondary**

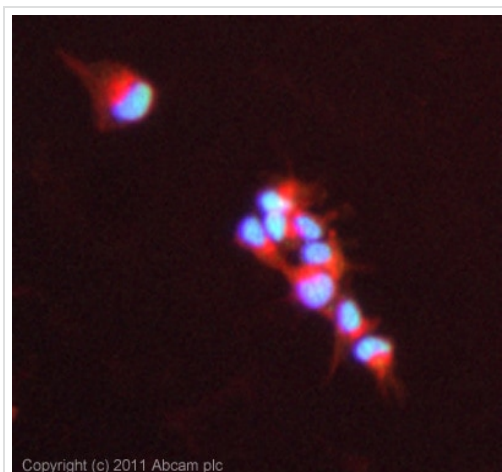
**All lanes :** Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Observed band size:** 95 kDa

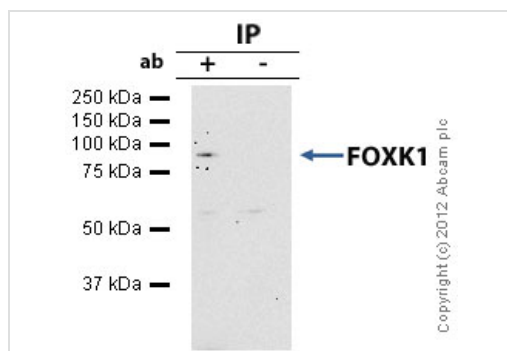
**Exposure time:** 5 minutes



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Immunocytochemistry/ Immunofluorescence - Anti-FOXK1/MNF antibody (ab18196)

ICC/IF image of ab18196 stained Hek293 cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab18196, 1µg/ml) overnight at +4°C. The secondary antibody (green) was [ab96899](#) Dylight 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Immunoprecipitation - Anti-FOXK1/MNF antibody (ab18196)

FOXK1/MNF - ChIP Grade was immunoprecipitated using 0.5mg Hela whole cell extract, 5µg of Rabbit polyclonal to FOXK1/MNF and 50µl of protein G magnetic beads (+). No antibody was added to the control (-).

The antibody was incubated under agitation with Protein G beads for 10min, Hela whole cell extract lysate diluted in RIPA buffer was added to each sample and incubated for a further 10min under agitation.

Proteins were eluted by addition of 40µl SDS loading buffer and incubated for 10min at 70°C; 10µl of each sample was separated on a SDS PAGE gel, transferred to a nitrocellulose membrane, blocked with 5% BSA and probed with ab18196.

Secondary: Mouse monoclonal [SB62a] Secondary Antibody to Rabbit IgG light chain (HRP) ([ab99697](#)).

Band: 96kDa: FOXK1 / MNF.

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