


Anti-FOXK1/MNF antibody ab18196

★★★★★ [1 Abreviews](#) [24 References](#) [4 图像](#)

概述

产品名称	Anti-FOXK1/MNF抗体
描述	兔多克隆抗体to FOXK1/MNF
宿主	Rabbit
特异性	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, ab309510 .
经测试应用	适用于: WB, IP, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
常规说明	<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>

性能

形式	Liquid
存放说明	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.
存储溶液	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.

纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab18196 于以下的经测试应用

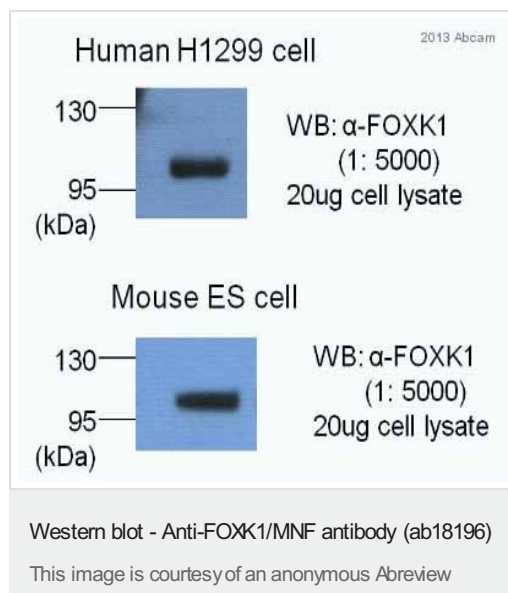
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	1/1000.
IP		Use at an assay dependent concentration.
ICC/IF		Use a concentration of 1 µg/ml.

靶标

功能	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.
组织特异性	Expressed both developing and adult tissues. In adults, significant expression is seen in tumors of the brain, colon and lymph node.
序列相似性	Contains 1 FHA domain. Contains 1 fork-head DNA-binding domain.
细胞定位	Nucleus.

图片



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

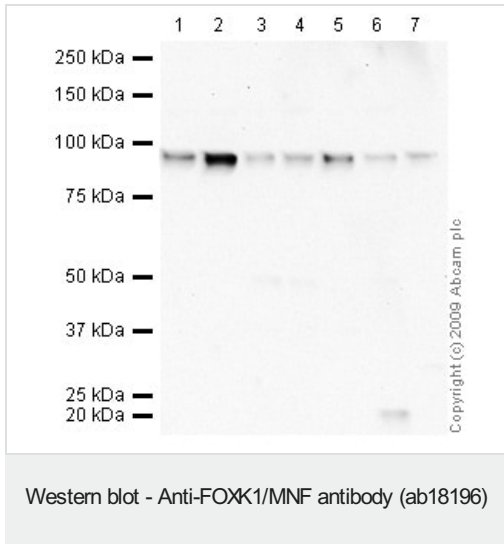
All lanes : HRP-conjugate Goat anti-rabbit IgG polyclonal at 1/5000 dilution

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

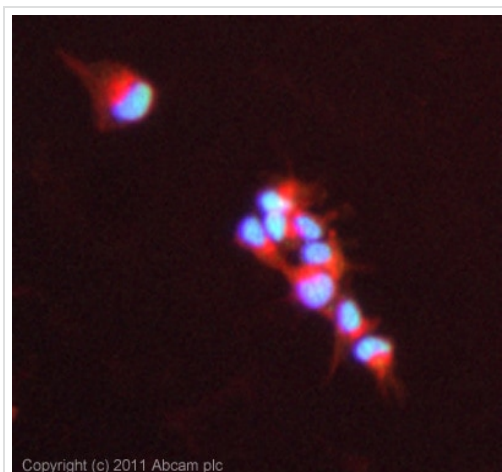
All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Observed band size: 95 kDa

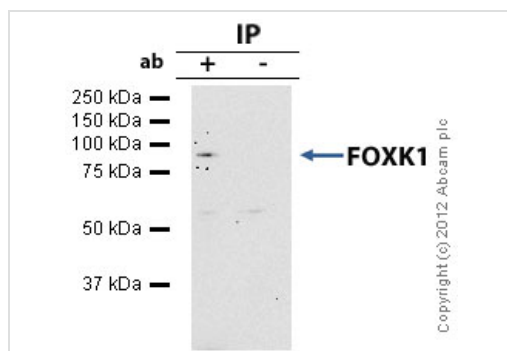
Exposure time: 5 minutes



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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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