


Anti-ORP8 antibody [mAbcam 60110] ab60110

★★★★★ [1 Abreviews](#) [3 图像](#)

概述

产品名称	Anti-ORP8抗体[mAbcam 60110]
描述	小鼠单克隆抗体[mAbcam 60110] to ORP8
宿主	Mouse
经测试应用	适用于: Flow Cyt (Intra), WB
种属反应性	与反应: Human 预测可用于: Mouse, Horse, Dog, Chimpanzee 
免疫原	Synthetic peptide corresponding to Human ORP8 aa 1-100 (N terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as ab75267)
阳性对照	This antibody gave a positive signal in human kidney tissue lysate and in the following whole cell lysates: HEK293; THP1.
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</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>

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: 7.40 Preservative: 0.02% Sodium azide Constituents: 1% BSA, 6.97% L-Arginine, PBS
纯度	Protein G purified

克隆	单克隆
克隆编号	mAbcam 60110
骨髓瘤	Sp2/0-Ag14
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab60110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。

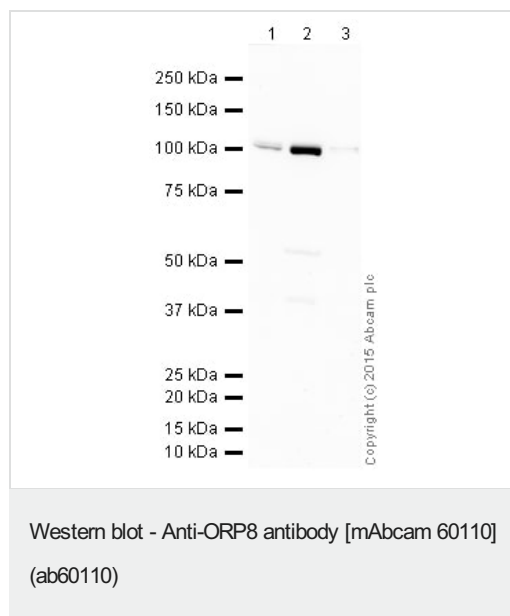
应用	Ab评论	说明
Flow Cyt (Intra)		Use 1-2µg for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (1)	Use a concentration of 5 µg/ml. Detects a band of approximately 101 kDa (predicted molecular weight: 101 kDa). We recommend using 3% milk as the blocking agent in Western Blot.

靶标

相关性 ORP8 is a member of the oxysterol-binding protein related protein family. In humans, the gene family consists of 12 members, and extensive splice variation increases the number of encoded protein products substantially. The ORPs have been implicated as sterol sensors that regulate a number of cellular functions including sterol and neutral lipid metabolism, intracellular lipid transport, membrane trafficking and cell signaling. ORP8 has been recently shown to act as a sterol sensor that affects the reverse cholesterol transport process via modulation of ABCA1 expression and macrophage cholesterol efflux.

细胞定位	Endoplasmic reticulum
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图片



All lanes : Anti-ORP8 antibody [mAbcam 60110] (ab60110) at 5 µg/ml

Lane 1 : HEK293 (Human embryonic kidney cell line) Whole Cell Lysate

Lane 2 : THP1 (Human acute monocytic leukemia cell line) Whole Cell Lysate

Lane 3 : Human kidney tissue lysate - total protein ([ab30203](#))

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Mouse IgG - H&L - Pre-Adsorbed (HRP) at 1/10000 dilution

Developed using the ECL technique.

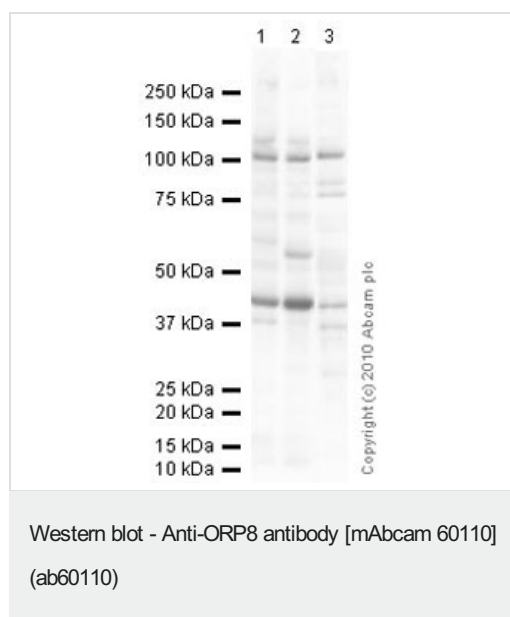
Performed under reducing conditions.

Predicted band size: 101 kDa

Observed band size: 101 kDa

Exposure time: 8 minutes

We recommend using 3% milk as the blocking agent in Western Blot.



All lanes : Anti-ORP8 antibody [mAbcam 60110] (ab60110) at 5 µg/ml

Lane 1 : HEK293 (Human embryonic kidney cell line) Whole Cell Lysate

Lane 2 : THP1 (Human acute monocytic leukemia cell line) Whole Cell Lysate

Lane 3 : Human kidney tissue lysate - total protein ([ab30203](#))

Lysates/proteins at 10 µg per lane.

Secondary

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

Developed using the ECL technique.

Performed under reducing conditions.

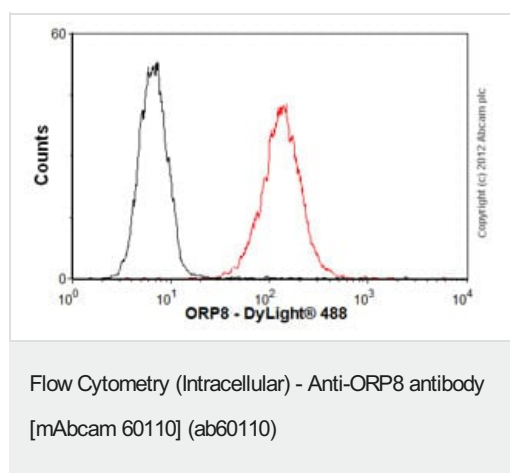
Predicted band size: 101 kDa

Observed band size: 101 kDa

Additional bands at: 44 kDa, 55 kDa, 80 kDa, 85 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 30 seconds

1% BSA was used as a blocking agent.



Overlay histogram showing HEK293 cells stained with ab60110 (red line). The cells were fixed with 80% methanol (5 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 (ab60110, 1µg/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 IgG1 [ICIGG1] ([ab91353](#), 2µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in HEK293 cells fixed with 4% paraformaldehyde (10 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.

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

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