

## Product datasheet

# Anti-MFF antibody ab81127

★★★★☆ 2 Abreviews 6 References 3 图像

### 概述

<b>产品名称</b>	Anti-MFF抗体
<b>描述</b>	兔多克隆抗体to MFF
<b>宿主</b>	Rabbit
<b>经测试应用</b>	<b>适用于:</b> ICC/IF, WB
<b>种属反应性</b>	<b>与反应:</b> Rat, Human, Zebrafish <b>预测可用于:</b> Mouse, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog
<b>免疫原</b>	Synthetic peptide corresponding to a region within C terminal amino acids 287-336 (LTVVDAASLR RQIIKLNRRRL QLLEENKER AKREMVMYSI TVAFWLLNSW) of Human MFF (NP_064579). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>阳性对照</b>	Fetal muscle lysate. This antibody gave a positive result in IF in the following Formaldehyde fixed cell line: A549

### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>存储溶液</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>纯度</b>	Immunogen affinity purified
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab81127** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

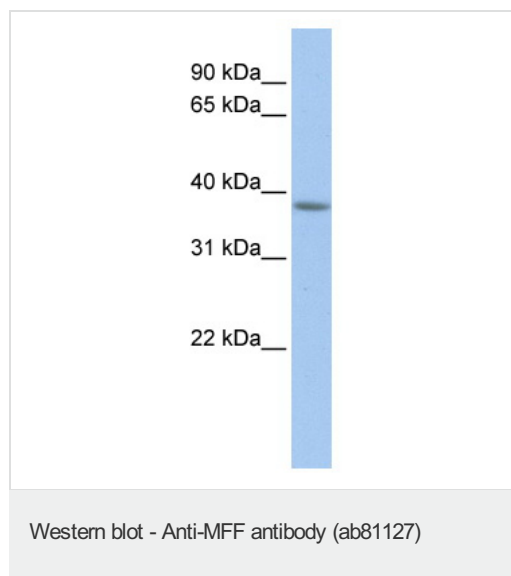
应用	Ab评论	说明
ICC/IF		Use a concentration of 5 µg/ml.

应用	Ab评论	说明
WB	★★★★☆	Use a concentration of 1 µg/ml. Detects a band of approximately 38 kDa (predicted molecular weight: 38 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## 靶标

功能	Plays a role in mitochondrial and peroxisomal fission.
组织特异性	Highly expressed in heart, kidney, liver, brain, muscle, and stomach.
序列相似性	Belongs to the tango11 family.
细胞定位	Mitochondrion outer membrane.

## 图片



Anti-MFF antibody (ab81127) at 1 µg/ml (in 5% skim milk / PBS buffer) + fetal muscle lysate at 10 µg

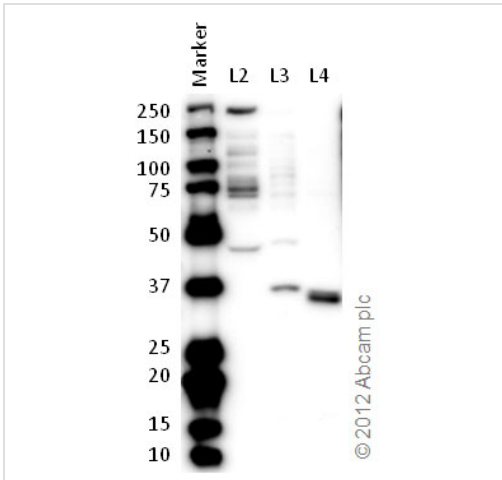
### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size:** 38 kDa

**Observed band size:** 38 kDa

Gel concentration 12%



Western blot - Anti-MFF antibody (ab81127)

**All lanes :** Anti-MFF antibody (ab81127) at 1  $\mu\text{g/ml}$

**Lane 1 :** Marker

**Lane 2 :** Zebrafish brain homogenate at 20  $\mu\text{g}$

**Lane 3 :** Zebrafish heart homogenate at 20  $\mu\text{g}$

**Lane 4 :** Zebrafish liver homogenate at 20  $\mu\text{g}$

### Secondary

**All lanes :** Goat polyclonal to Rabbit IgG – H&L – Pre-Adsorbed (HRP) at 1/6000 dilution

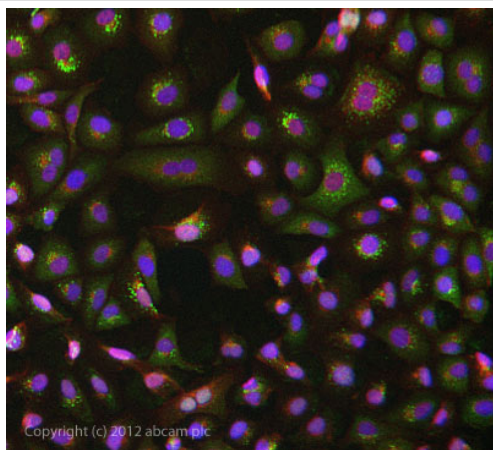
Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 38 kDa

**Observed band size:** 37 kDa

**Exposure time:** 3 minutes



Immunocytochemistry/ Immunofluorescence - Anti-MFF antibody (ab81127)

ab81127 stained A549 cells. The cells were 4% formaldehyde fixed (10 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 ab81127 at 5 $\mu\text{g/ml}$  overnight at +4°C. The secondary antibody (green) was DyLight® 488 goat anti- rabbit (ab96899) IgG (H+L) used at a 1/1000 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 1.43 $\mu\text{M}$ .

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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