


### Anti-IFT88 antibody ab42497

★★★★☆ [2 Abreviews](#) [11 References](#) [4 图像](#)

#### 概述

<b>产品名称</b>	Anti-IFT88抗体
<b>描述</b>	山羊多克隆抗体to IFT88
<b>宿主</b>	Goat
<b>特异性</b>	This antibody is expected to recognise both reported isoforms (NP_783195.2; NP_006522.2).
<b>经测试应用</b>	<b>适用于:</b> ICC/IF, Flow Cyt (Intra), WB
<b>种属反应性</b>	<b>与反应:</b> Mouse, Human <b>预测可用于:</b> Rat, Dog 
<b>免疫原</b>	Synthetic peptide corresponding to Human IFT88 aa 804-816 (C terminal). Sequence: C-KKRIDEDDFADEE <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>阳性对照</b>	WB: A549 cell lysate and Mouse testis tissue lysate; ICC/IF: HepG2 cells; Flow Cyt (intra): HepG2 cells.
<b>常规说明</b>	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.  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

#### 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 freeze / thaw cycles.
<b>存储溶液</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituent: 0.5% BSA
<b>纯度</b>	Immunogen affinity purified
<b>纯化说明</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide.

克隆

多克隆

同种型

IgG

应用

The Abpromise guarantee

**Abpromise™**承诺保证使用ab42497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
ICC/IF	★★★★★ (1)	Use a concentration of 10 µg/ml.
Flow Cyt (Intra)		Use a concentration of 10 µg/ml.
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 90 kDa (predicted molecular weight: 94 kDa). 1 hour primary incubation is recommended for this product.

靶标

功能

Involved in primary cilium biogenesis.

组织特异性

Expressed in the heart, brain, liver, lung, kidney, skeletal muscle and pancreas.

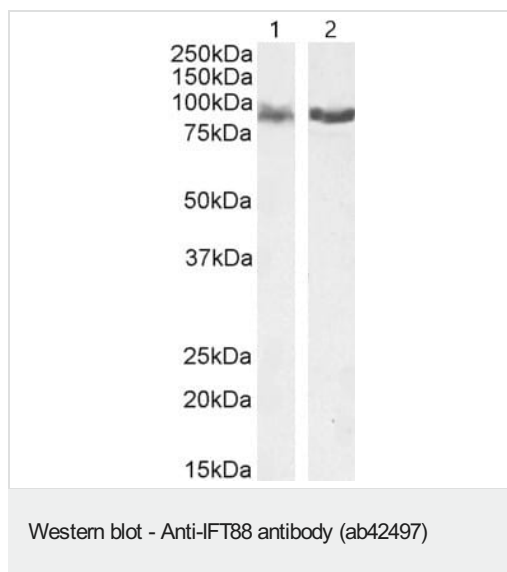
序列相似性

Contains 12 TPR repeats.

细胞定位

Cytoplasm > cytoskeleton > centrosome > centriole. Cytoplasm > cytoskeleton > cilium basal body.

图片



**All lanes** : Anti-IFT88 antibody (ab42497) at 3 µg/ml

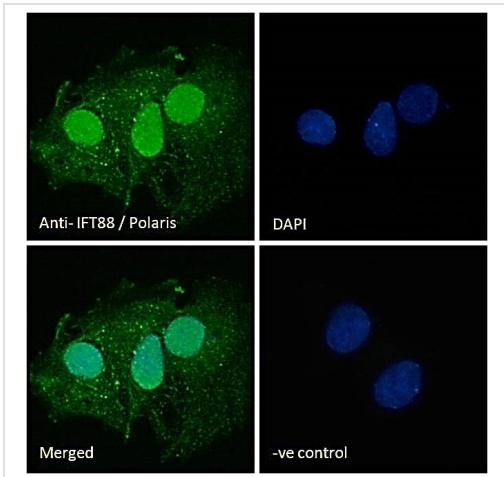
**Lane 1** : A549 (human lung carcinoma cell line) whole cell lysate

**Lane 2** : Mouse testis tissue lysate

Lysates/proteins at 35 µg per lane.

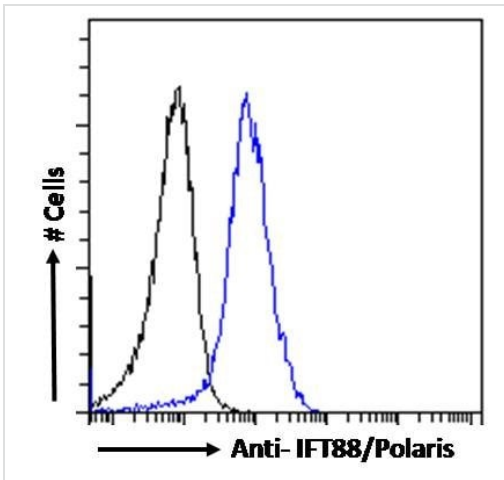
**Predicted band size:** 94 kDa

Primary incubation 1 hour at room temperature. Detected by chemiluminescence.



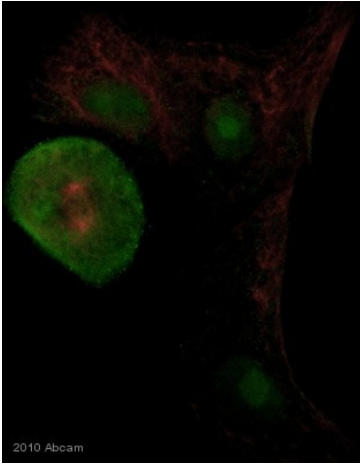
Immunocytochemistry/ Immunofluorescence - Anti-IFT88 antibody (ab42497)

Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells labeling IFT88 with ab42497. Cells permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor® 488 conjugated secondary antibody (2 µg/mL), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor® 488 secondary antibody (2 µg/mL).



Flow Cytometry (Intracellular) - Anti-IFT88 antibody (ab42497)

Flow cytometric analysis of paraformaldehyde fixed HepG2 cells labeling IFT88 with ab42497 (blue line). Cells permeabilized with 0.5% Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488® secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor® 488 secondary antibody.



ab42497 staining IFT88 in human prostate epithelial primary cells by Immunocytochemistry/ Immunofluorescence. Cells were fixed with paraformaldehyde and permeabilized with 0.5% Triton  $\times 100$ . Samples were incubated with primary antibody (1/100:in DMEM w/ 10% FBS) for 1 hour at 200C. An Alexa Fluor  $\text{\textcircled{R}}$  546-conjugated donkey polyclonal to goat IgG was used undiluted as secondary antibody.

Immunocytochemistry/ Immunofluorescence - Anti-IFT88 antibody (ab42497)

This image is a courtesy of Luke Hofkamp

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

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