

# Anti-Cytochrome P450 1A2 antibody [EPR6138(2)] ab151728

重组 RabMAb

**4 References** [7 图像](#)

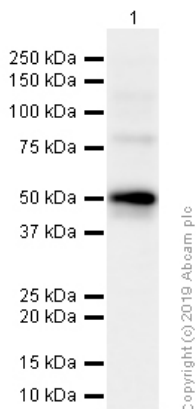
### 概述

产品名称	Anti-Cytochrome P450 1A2抗体[EPR6138(2)]
描述	兔单克隆抗体[EPR6138(2)] to Cytochrome P450 1A2
宿主	Rabbit
经测试应用	<b>适用于:</b> Flow Cyt (Intra), WB, ICC/IF <b>不适用于:</b> IHC-P or IP
种属反应性	<b>与反应:</b> Human
免疫原	Synthetic peptide within Human Cytochrome P450 1A2 aa 200-300. The exact sequence is proprietary.
阳性对照	WB: Caco2, HepG2, HeLa and A549 cell lysates. ICC/IF: HeLa cells. Flow Cyt (intra): MCF7 cells.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C.
存储溶液	Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆





Western blot - Anti-Cytochrome P450 1A2 antibody [EPR6138(2)] (ab151728)

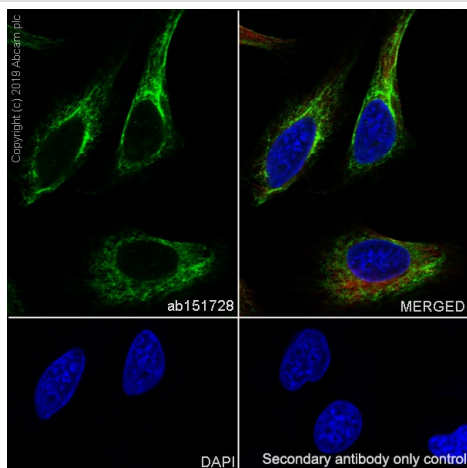
Anti-Cytochrome P450 1A2 antibody [EPR6138(2)] (ab151728) at 1/2000 dilution (Purified) + HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates at 15 µg

### Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

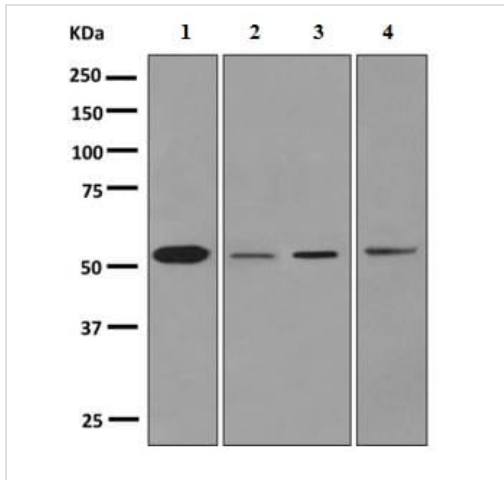
**Predicted band size:** 58 kDa

**Observed band size:** 58 kDa



Immunocytochemistry/ Immunofluorescence - Anti-Cytochrome P450 1A2 antibody [EPR6138(2)] (ab151728)

Immunocytochemistry/ Immunofluorescence analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling Cytochrome P450 1A2 with purified ab151728 at 1/200 dilution (9.4 µg/ml). Cells were fixed in 100% Methanol and permeabilized with None. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1/200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)) was used as the secondary antibody at 1/1000 (2 µg/ml) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Western blot - Anti-Cytochrome P450 1A2 antibody [EPR6138(2)] (ab151728)

**All lanes :** Anti-Cytochrome P450 1A2 antibody [EPR6138(2)] (ab151728) at 1/1000 dilution ((unpurified))

**Lane 1 :** Caco2 cell lysate

**Lane 2 :** HepG2 cell lysate

**Lane 3 :** HeLa cell lysate

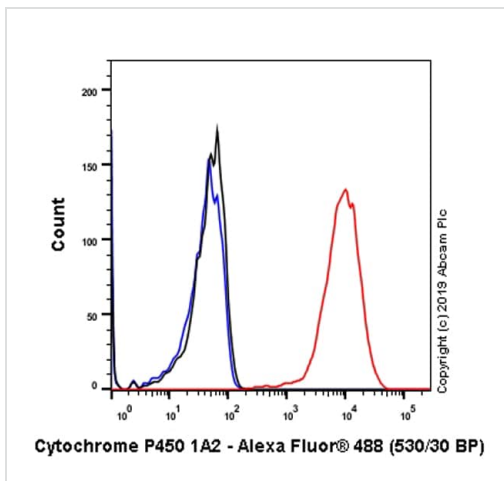
**Lane 4 :** A549 cell lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

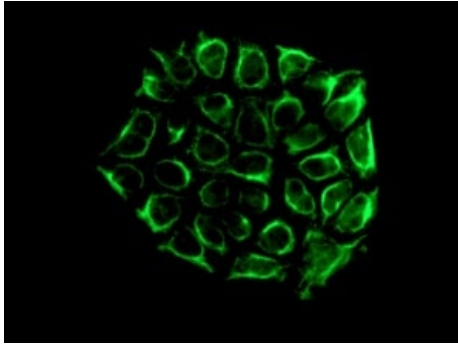
**All lanes :** Goat anti-rabbit HRP at 1/2000 dilution

**Predicted band size:** 58 kDa



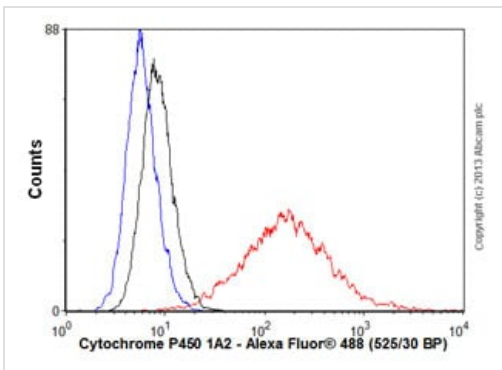
Flow Cytometry (Intracellular) - Anti-Cytochrome P450 1A2 antibody [EPR6138(2)] (ab151728)

Intracellular Flow Cytometry analysis of MCF7 (Human breast adenocarcinoma epithelial cell) cells labeling Cytochrome P450 1A2 with purified ab151728 at 1/200 dilution (10 µg/ml) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).



Immunocytochemistry/ Immunofluorescence - Anti-Cytochrome P450 1A2 antibody [EPR6138(2)] (ab151728)

Immunofluorescent analysis of HeLa cells labeling Cytochrome P450 1A2 with unpurified ab151728 at 1/250 dilution.



Flow Cytometry (Intracellular) - Anti-Cytochrome P450 1A2 antibody [EPR6138(2)] (ab151728)

Overlay histogram showing MCF7 cells stained with unpurified ab151728 (red line). The cells were fixed with 4% paraformaldehyde (10 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 (ab151728, 1/10000 dilution) for 30 min at 22°C. The secondary antibody used was Alexa Fluor<sup>®</sup> 488 goat anti-rabbit IgG (H&L) ([ab150077](#)) at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (0.1µg/1x10<sup>6</sup> cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter. This antibody gave a positive signal in MCF7 cells fixed with 80% methanol (5 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-Cytochrome P450 1A2 antibody [EPR6138(2)]  
(ab151728)

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

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