

Anti-CYP2C9 antibody [EPR7340] ab150364

重组 RabMAb

2 References [2 图像](#)

概述

产品名称	Anti-CYP2C9抗体[EPR7340]
描述	兔单克隆抗体[EPR7340] to CYP2C9
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF, IHC-P or IP
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human CYP2C9 aa 450-550 (C terminal). The exact sequence is proprietary.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR7340

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab150364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		1/1000 - 1/10000. Detects a band of approximately 50 kDa (predicted molecular weight: 56 kDa).

应用说明

Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

靶标

功能

Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics. This enzyme contributes to the wide pharmacokinetics variability of the metabolism of drugs such as S-warfarin, diclofenac, phenytoin, tolbutamide and losartan.

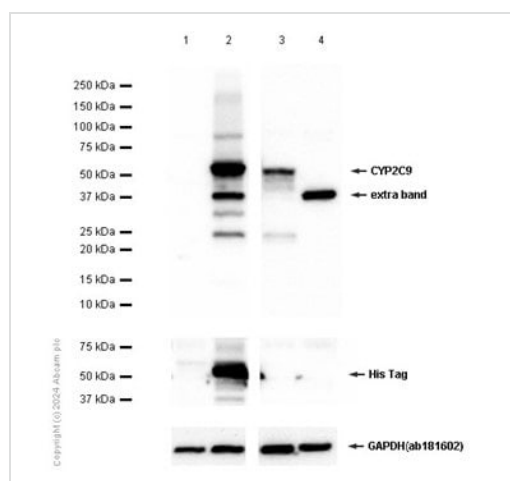
序列相似性

Belongs to the cytochrome P450 family.

细胞定位

Endoplasmic reticulum membrane. Microsome membrane.

图片



Western blot - Anti-CYP2C9 antibody [EPR7340] (ab150364)

All lanes : Anti-CYP2C9 antibody [EPR7340] (ab150364) at 1/10000 dilution

Lane 1 : 293T (Human embryonic kidney epithelial cell) transfected with His-tagged empty vector, whole cell lysate

Lane 2 : 293T (Human embryonic kidney epithelial cell) transfected with His-tagged CYP2C9 expression vector, whole cell lysate

Lane 3 : Human liver lysate

Lane 4 : HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

Predicted band size: 56 kDa

Observed band size: 56 kDa

Blocking and diluting buffer and concentration: 5% NFDm/TBST.

ab181602 was used as a loading control for GAPDH.


Exposure time:

Lanes 1,2: 3 seconds

Lanes 3,4: 10 seconds

WB result showed an additional band at 37kDa in HepG2 cell lysate, we are unsure as to identify of it.

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-CYP2C9 antibody [EPR7340] (ab150364)

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

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