

Anti-DARC antibody [EPR5205] ab137044

重组 RabMAb

3 References 7 图像

概述	
产品名称	Anti-DARC抗体[EPR5205]
描述	兔单克隆抗体[EPR5205] to DARC
宿主	Rabbit
经测试应用	适用于: IP, IHC-P, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Human fetal liver, Human fetal kidney, Human tonsil, kidney, stomach, TF 1 and K562 lysates; IHC-P: Human kidney tissue IP: TF-1 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>Rat: We have preliminary internal testing data to indicate this antibody may not react with this 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	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR5205

同种型

lgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab137044于以下的经测试应用

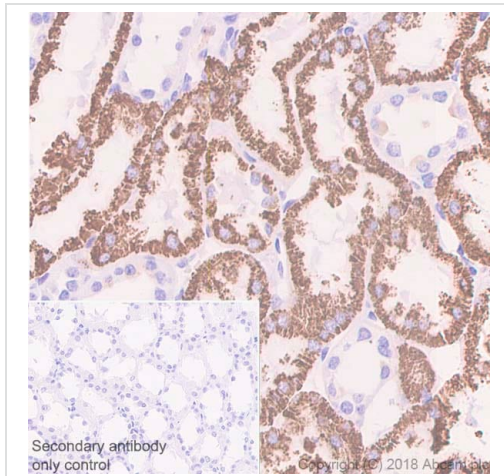
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IP		1/10 - 1/100.
IHC-P		1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. See <b>IHC antigen retrieval protocols</b> . <b>For unpurified use at 1/100 - 1/250.</b>
WB		1/1000 - 1/10000. Predicted molecular weight: 35 kDa.

靶标

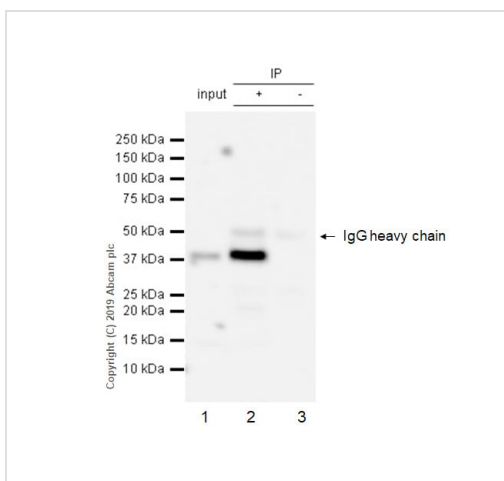
功能	Non-specific receptor for many chemokines such as IL-8, GRO, RANTES, MCP-1 and TARC. It is also the receptor for the human malaria parasites Plasmodium vivax and Plasmodium knowlesi.
组织特异性	Found in adult kidney, adult spleen, bone marrow and fetal liver. In particular, it is expressed along postcapillary venules throughout the body, except in the adult liver. Erythroid cells and postcapillary venule endothelium are the principle tissues expressing duffy. Fy(-A-B) individuals do not express duffy in the bone marrow, however they do, in postcapillary venule endothelium.
序列相似性	Belongs to the G-protein coupled receptor Duffy family.
细胞定位	Membrane.

图片



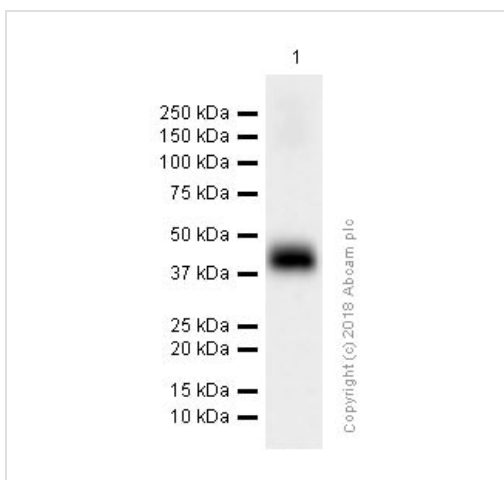
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DARC antibody [EPR5205] (ab137044)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human kidney tissue sections labeling DARC with Purified ab137044 at 1:500 dilution (1.3 µg/ml). Heat mediated antigen retrieval was performed using [ab93684](#) (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Immunoprecipitation - Anti-DARC antibody [EPR5205] (ab137044)

ab137044 (purified) at 1:30 dilution (2µg) immunoprecipitating DARC in TF-1 whole cell lysate.  
Lane 1 (input): TF-1 (Human Erythroleukemia erythroblast) whole cell lysate 10µg  
Lane 2 (+): ab137044 & TF-1 whole cell lysate  
Lane 3 (-): Rabbit monoclonal IgG ([ab172730](#)) instead of ab137044 in TF-1 whole cell lysate  
For western blotting, VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) was used for detection at 1:1000 dilution.  
Blocking and diluting buffer: 5% NFDM/TBST.



Western blot - Anti-DARC antibody [EPR5205] (ab137044)

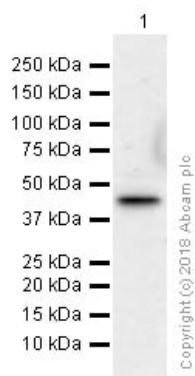
Anti-DARC antibody [EPR5205] (ab137044) at 1/2000 dilution (Purified) + Human kidney lysates at 15 µg

### Secondary

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

**Predicted band size:** 35 kDa

**Observed band size:** 40 kDa



Western blot - Anti-DARC antibody [EPR5205]  
(ab137044)

**All lanes :** Anti-DARC antibody [EPR5205] (ab137044) at 1/1000 dilution (Purified)

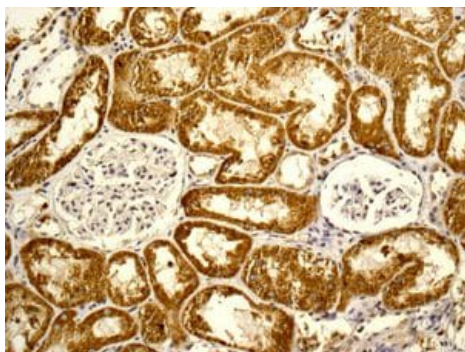
**Lane 1 :** Human stomach lysates at 15 µg

#### Secondary

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

**Predicted band size:** 35 kDa

**Observed band size:** 40 kDa

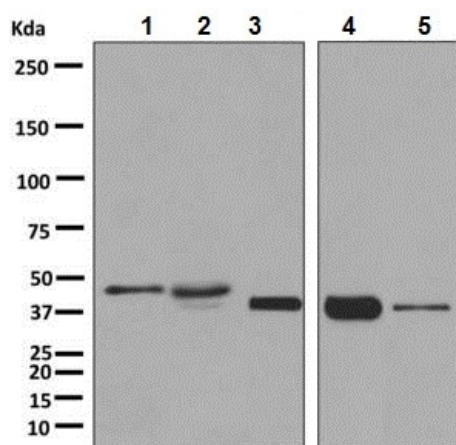


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DARC antibody [EPR5205] (ab137044)

Immunohistochemical analysis of paraffin embedded Human kidney tissue labelling DARC with ab137044 at 1/100 dilution.

**This image was generated using the unpurified version of the product.**

**Heat mediated antigen retrieval was performed with citrate buffer pH 6 before commencing with IHC staining protocol.**



Western blot - Anti-DARC antibody [EPR5205]  
(ab137044)

**All lanes :** Anti-DARC antibody [EPR5205] (ab137044) at 1/1000 dilution

**Lane 1 :** Human fetal liver lysate

**Lane 2 :** Human fetal kidney lysate

**Lane 3 :** Human tonsil lysate

**Lane 4 :** TF 1 lysate

**Lane 5 :** K562 lysate

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes :** HRP conjugated Goat anti Rabbit IgG at 1/2000 dilution

**Predicted band size:** 35 kDa

This image was generated using the unpurified version of the product.

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-DARC antibody [EPR5205] (ab137044)

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

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