


# Anti-AKR1C1/AKR1C2 antibody [4B6AF3] ab131375

**4 References** [画像数 2](#)

### 製品の概要

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製品名	Anti-AKR1C1/AKR1C2 antibody [4B6AF3]
製品の詳細	Mouse monoclonal [4B6AF3] to AKR1C1/AKR1C2
由来種	Mouse
アプリケーション	<b>適用あり:</b> WB, ICC/IF
種交差性	<b>交差種:</b> Mouse, Rat, Human <b>交差が予測される動物種:</b> Rabbit, Cow 
免疫原	Full length native protein (purified). This information is considered to be commercially sensitive.
ポジティブ・コントロール	WB: HeLa, HepG2, HLH, HHH, MLH, RLH and RHH tissue samples ICC/IF: Hela cells
特記事項	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a>.</p> <p>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.</p> <p>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&amp;As</p> <p>Product was previously marketed under the MitoSciences sub-brand.</p>

### 製品の特性

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製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.5 Preservative: 0.02% Sodium azide Constituents: 0.877% Sodium chloride, 0.357% HEPES
特記事項(精製)	Purity >90% by SDS-PAGE.
ポリ/モノ	モノクローナル

クローン名 4B6AF3  
アイソタイプ IgG2b

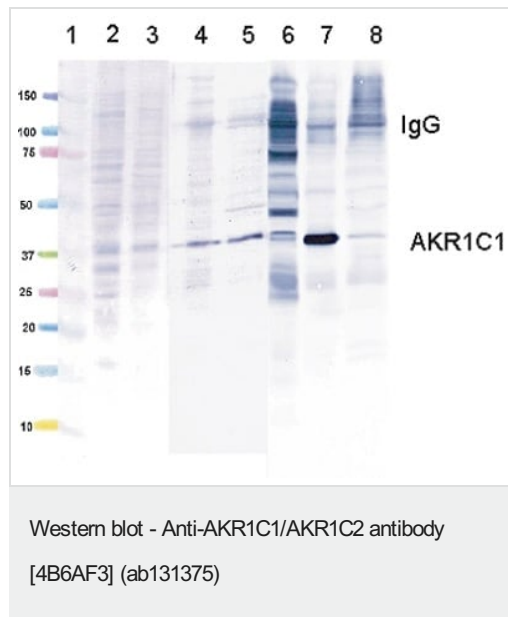
#### アプリケーション

**The Abpromise guarantee** **Abpromise保証は、次のテスト済みアプリケーションにおけるab131375の使用に適用されず**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 2 µg/ml. Predicted molecular weight: 37 kDa.
ICC/IF		Use a concentration of 5 µg/ml. (paraformaldehyde fixed cells)

#### ターゲット情報

#### 画像



**All lanes** : Anti-AKR1C1/AKR1C2 antibody [4B6AF3] (ab131375)  
at 2 µg/ml

**Lane 1** : Molecular weight marker

**Lane 2** : HeLa Cell Lysate at 15 µg

**Lane 3** : HepG2 Cell Lysate at 15 µg

**Lane 4** : Human Liver Homogenate (HLH) at 10 µg

**Lane 5** : Human Heart Homogenate (HHH) at 10 µg

**Lane 6** : Mouse Liver Homogenate (MLH) at 10 µg

**Lane 7** : Rat Liver Homogenate (RLH) at 10 µg

**Lane 8** : Rat Heart Homogenate (RHH) at 10 µg

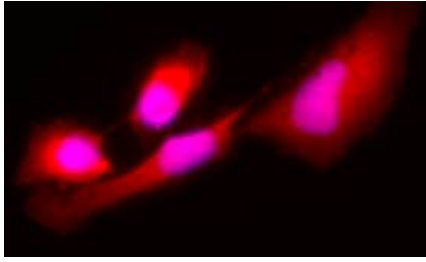
#### Secondary

**All lanes** : Goat anti-Mouse AP at 1/3000 dilution

**Predicted band size:** 37 kDa

0.3% PBST was used as a blocking buffer in all incubation steps.

The high background signal in Mouse tissue sample was caused by the direct reaction between the Mouse IgG in Mouse tissue preps and the Goat anti-Mouse secondary antibody.



Immunocytochemistry/ Immunofluorescence - Anti-AKR1C1/AKR1C2 antibody [4B6AF3] (ab131375)

Immunofluorescence analysis of AKR1C1 in HeLa cells, using ab131375 at 5 µg/ml.

The cells were paraformaldehyde fixed (4%, 20 minutes) and Triton X-100 permeabilized (0.1%, 15 min). The cells were then incubated with ab131375 for 2h at room temperature or over night at 4°C. The secondary antibody was (red) Alexa Fluor® 594 Goat anti-Mouse IgG (H+L) used at a 1/1000 dilution for 1h. 1% BSA was used as the blocking agent for all blocking steps. The target protein locates to the cytosol.

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

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