

# Anti-ACAA2 antibody [EPR6732(2)] - BSA and Azide free ab248228

リコンビナント RabMAb

画像数 6

### 製品の概要

製品名	Anti-ACAA2 antibody [EPR6732(2)] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR6732(2)] to ACAA2 - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> Flow Cyt (Intra), IHC-P, WB, ICC/IF <b>適用なし:</b> IP
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	Flow Cyt (intra): RPMI-8226 cells
特記事項	<p>ab248228 is the carrier-free version of <a href="#">ab128929</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <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>

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

## 製品の特性

### 製品の状態

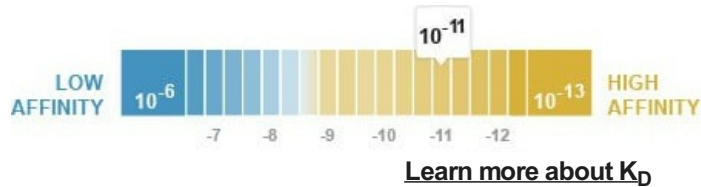
Liquid

### 保存方法

Shipped at 4°C. Store at +4°C. Do Not Freeze.

### 解離定数 ( $K_D$ 値)

$K_D = 7.10 \times 10^{-11}$  M



### バッファー

pH: 7.2

Constituent: PBS

### キャリア・フリー

はい

### 精製度

Protein A purified

### ポリ/モノ

モノクローナル

### クローン名

EPR6732(2)

### アイソタイプ

IgG

## 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ab248228の使用に適用されます**

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
Flow Cyt (Intra)		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol. Use of a HRP/AP polymerized secondary antibody is recommended.
WB		Use at an assay dependent concentration. Predicted molecular weight: 42 kDa.
ICC/IF		Use at an assay dependent concentration.

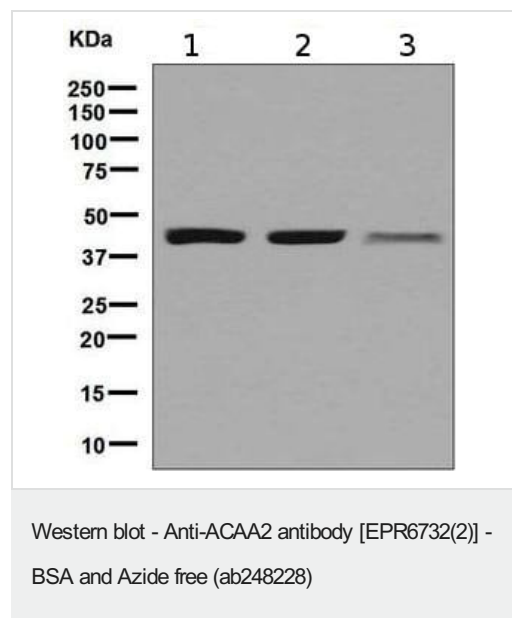
### 追加情報

Is unsuitable for IP.

## ターゲット情報

機能	Abolishes BNIP3-mediated apoptosis and mitochondrial damage.
パスウェイ	Lipid metabolism; fatty acid metabolism.
配列類似性	Belongs to the thiolase family.
細胞内局在	Mitochondrion. Colocalizes with BNIP3 in the mitochondria.

## 画像



**All lanes :** Anti-ACAA2 antibody [EPR6732(2)] ([ab128929](#)) at 1/1000 dilution

**Lane 1 :** HeLa cell lysate

**Lane 2 :** Caco-2 cell lysate

**Lane 3 :** HepG2 cell lysate

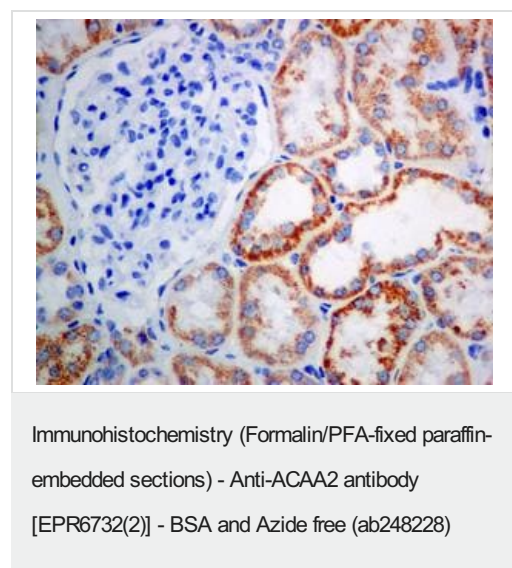
Lysates/proteins at 10 µg per lane.

### Secondary

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

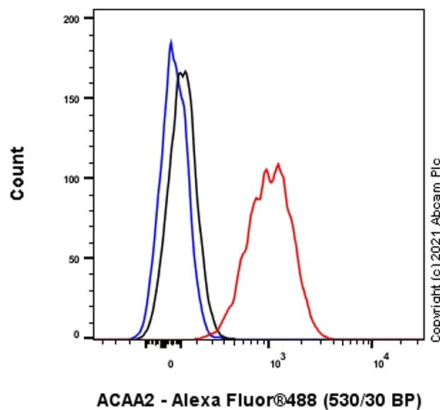
**Predicted band size:** 42 kDa

This data was developed using [ab128929](#), the same antibody clone in a different buffer formulation.



This data was developed using [ab128929](#), the same antibody clone in a different buffer formulation.

[ab128929](#), at a 1/50 dilution, staining Human ACAA2 in kidney, using Immunohistochemistry, Formalin/PFA-fixed paraffin-embedded tissue. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.

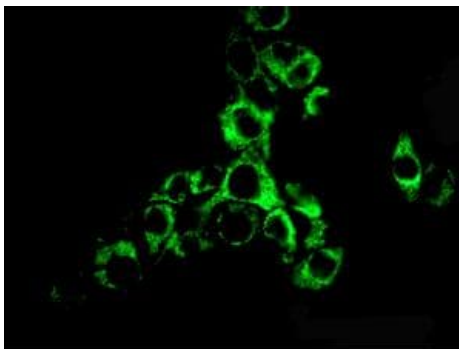


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Flow Cytometry (Intracellular) - Anti-ACAA2 antibody  
[EPR6732(2)] - BSA and Azide free (ab248228)

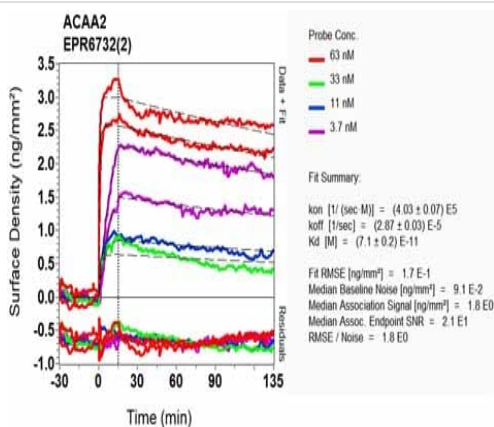
This data was developed using [ab128929](#), the same antibody clone in a different buffer formulation.

Flow Cytometry analysis of RPMI-8226 (Human plasmacytoma, myeloma B Lymphocyte) cells labeling ACAA2 with purified [ab128929](#) at 1/100 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-ACAA2 antibody [EPR6732(2)] - BSA and Azide free (ab248228)

This data was developed using [ab128929](#), the same antibody clone in a different buffer formulation. [ab128929](#), at a 1/250 dilution, staining Human ACAA2 in HepG2 cells, using Immunofluorescence.



OIR-D Scanning - Anti-ACAA2 antibody  
[EPR6732(2)] - BSA and Azide free (ab248228)

This data was developed using [ab128929](#), the same antibody clone in a different buffer formulation. Equilibrium disassociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

### 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

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

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