

### Anti-Ube2B antibody [EPR7199] - BSA and Azide free ab248243

リコンビナント **RabMAb**

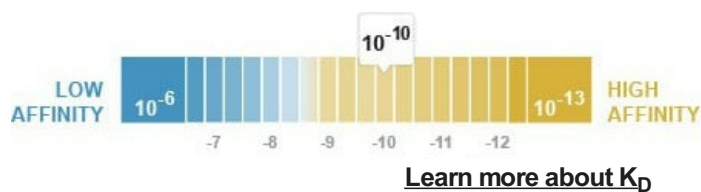
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#### 製品の概要

|          |  |
|----------|--|
| 製品名      | Anti-Ube2B antibody [EPR7199] - BSA and Azide free   |
| 製品の詳細    | Rabbit monoclonal [EPR7199] to Ube2B - BSA and Azide free  |
| 由来種      | Rabbit   |
| アプリケーション | <b>適用あり:</b> IHC-P, WB<br><b>適用なし:</b> Flow Cyt or 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.  |
| 特記事項     | <p>ab248243 is the carrier-free version of <a href="#">ab128951</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> <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> |

## 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 <sub>D</sub> 値) | K <sub>D</sub> = 1.67 x 10 <sup>-10</sup> M   |



|          |                             |
|----------|-----------------------------|
| バッファー    | pH: 7.2<br>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    | EPR7199                     |
| 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ab248243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  |
|----------|-----------|---|
| IHC-P    |           | Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| WB       |           | Use at an assay dependent concentration. Detects a band of approximately 17 kDa (predicted molecular weight: 17 kDa).                                   |

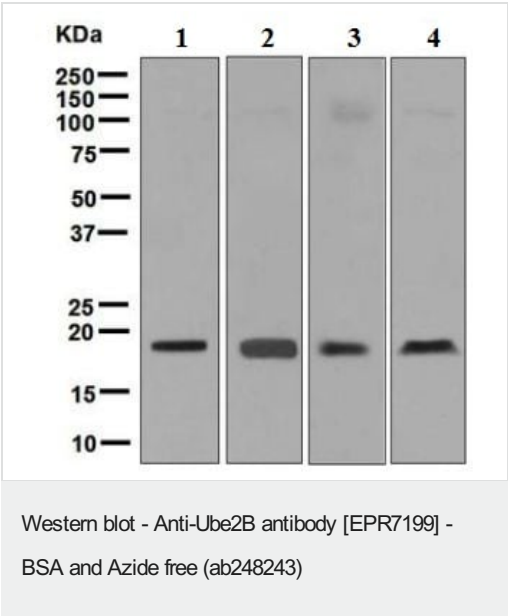
**追加情報**      Is unsuitable for Flow Cyt or IP.

## ターゲット情報

|       |   |
|-------|---|
| 機能    | Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In association with the E3 enzyme BRE1 (RNF20 and/or RNF40), it plays a role in transcription regulation by catalyzing the monoubiquitination of histone H2B at 'Lys-120' to form H2BK120ub1. H2BK120ub1 gives a specific tag for epigenetic transcriptional activation, elongation by RNA polymerase II, telomeric silencing, and is also a prerequisite for H3K4me and H3K79me formation. In vitro catalyzes 'Lys-11', as well as 'Lys-48'- and 'Lys-63'-linked polyubiquitination. Required for postreplication repair of UV-damaged DNA. Associates to the E3 ligase RAD18 to form the UBE2B-RAD18 ubiquitin ligase complex involved in mono-ubiquitination of DNA-associated PCNA on 'Lys-164'. May be involved in neurite outgrowth. |
| パスウェイ | Protein modification; protein ubiquitination.   |

|       |   |
|-------|---|
| 配列類似性 | Belongs to the ubiquitin-conjugating enzyme family.   |
| 細胞内局在 | Cell membrane. Nucleus. In peripheral neurons, expressed both at the plasma membrane and in nuclei. |

画像



**All lanes** : Anti-Ube2B antibody [EPR7199] ([ab128951](#)) at 1/1000 dilution

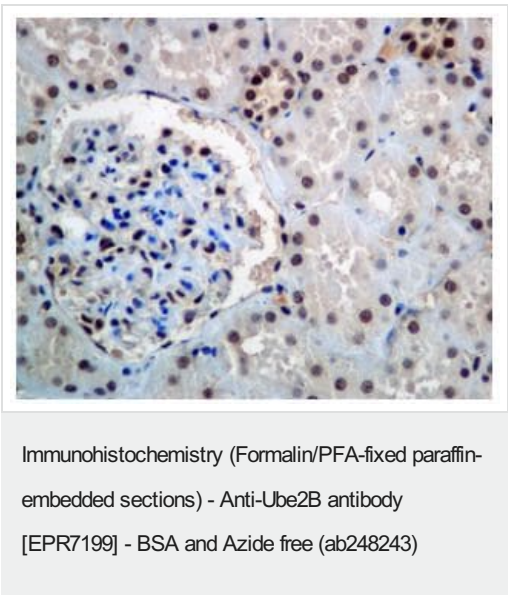
- Lane 1** : Jurkat cell lysate
- Lane 2** : HepG2 cell lysate
- Lane 3** : A375 cell lysate
- Lane 4** : K-562 cell lysate

Lysates/proteins at 10 µg per lane.

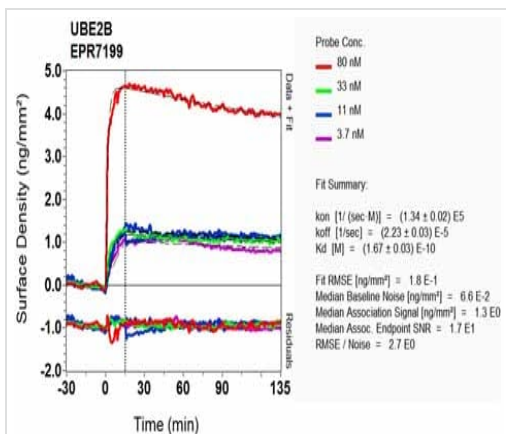
**Secondary**  
**All lanes** : HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 17 kDa  
**Observed band size:** 17 kDa

This data was developed using [ab128951](#), the same antibody clone in a different buffer formulation.



This data was developed using [ab128951](#), the same antibody clone in a different buffer formulation.[ab128951](#), at a 1/100 dilution, staining Ube2B in paraffin embedded Human kidney tissue by Immunohistochemistry. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



SPR Scanning - Anti-Ube2B antibody [EPR7199] -  
BSA and Azide free (ab248243)

This data was developed using [ab128951](#), the same antibody clone in a different buffer formulation. Equilibrium dissociation 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

Anti-Ube2B antibody [EPR7199] - BSA and Azide free (ab248243)

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

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