


# Anti-CLP1 antibody [EPR7181] - BSA and Azide free ab248233

リコンビナント RabMAb

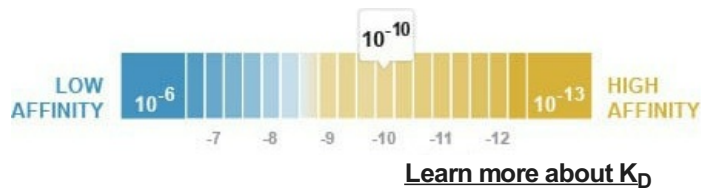
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### 製品の概要

製品名	Anti-CLP1 antibody [EPR7181] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR7181] to CLP1 - 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), WB <b>適用なし:</b> ICC/IF, IHC-P or IP
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248233 is the carrier-free version of <a href="#">ab128939</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>

## 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> = 1.35 x 10 <sup>-10</sup> M



バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Affinity purified
ポリモノ	モノクローナル
クローン名	EPR7181
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ab248233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.
WB		Use at an assay dependent concentration. Detects a band of approximately 48 kDa (predicted molecular weight: 48 kDa).

**追加情報** Is unsuitable for ICC/IF, IHC-P or IP.

## ターゲット情報

**機能** Polynucleotide kinase that can phosphorylate the 5'-hydroxyl groups of double-stranded RNA (dsRNA), single-stranded RNA (ssRNA), double stranded DNA (dsDNA) and double-stranded DNA:RNA hybrids. dsRNA is phosphorylated more efficiently than dsDNA, and the RNA component of a DNA:RNA hybrid is phosphorylated more efficiently than the DNA component. Appears to have roles in both tRNA splicing and mRNA 3'-end formation. Component of the tRNA splicing endonuclease complex. Phosphorylates the 5'-terminus of the tRNA 3'-exon during tRNA splicing; this phosphorylation event is a prerequisite for the subsequent ligation of the two exon halves and the production of a mature tRNA. Component of the pre-mRNA cleavage complex II (CF-II), which seems to be required for mRNA 3'-end formation. Also phosphorylates the 5'-terminus of exogenously introduced short interfering RNAs (siRNAs), which is a necessary prerequisite for their incorporation into the RNA-induced silencing complex (RISC). However endogenous siRNAs and microRNAs (miRNAs) that are produced by the cleavage of dsRNA precursors by DICER1 already contain a 5'-phosphate group, so this protein may be dispensable

for normal RNA-mediated gene silencing.

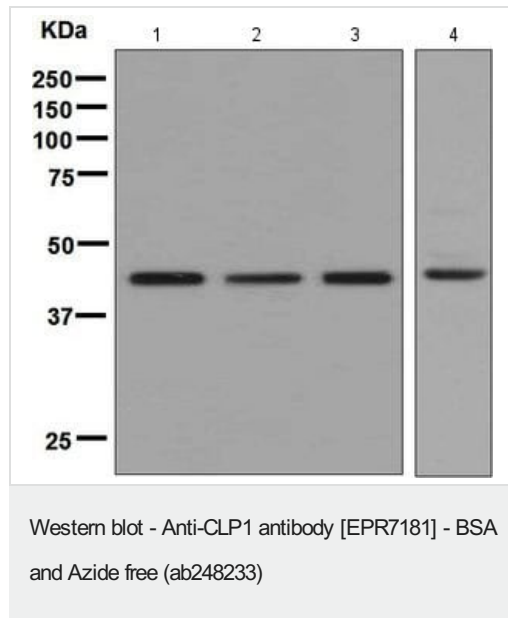
配列類似性

Belongs to the Clp1 family. Clp1 subfamily.

細胞内局在

Nucleus.

## 画像



**All lanes :** Anti-CLP1 antibody [EPR7181] ([ab128939](#)) at 1/1000 dilution

**Lane 1 :** HeLa cell lysate

**Lane 2 :** HepG2 cell lysate

**Lane 3 :** 293T (Human embryonic kidney epithelial cell) cell lysate

**Lane 4 :** Jurkat cell lysate

Lysates/proteins at 10 µg per lane.

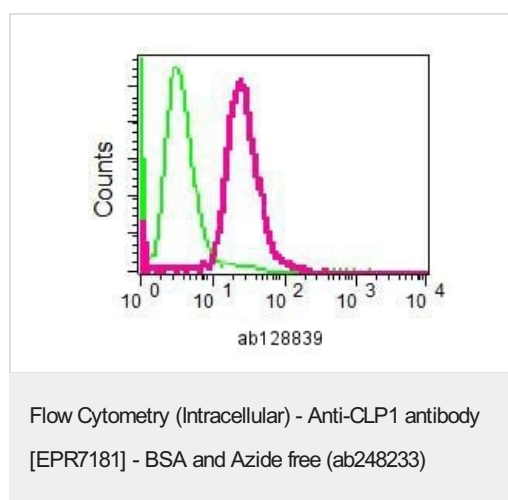
### Secondary

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

**Predicted band size:** 48 kDa

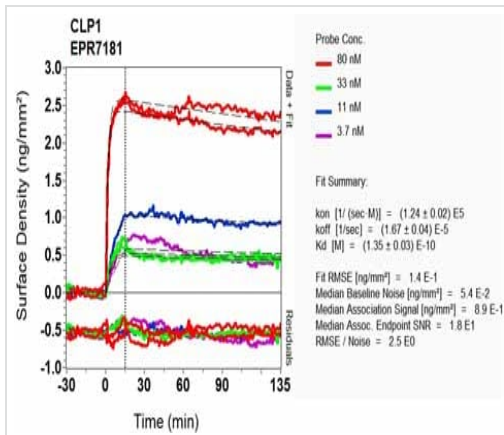
**Observed band size:** 48 kDa

This data was developed using [ab128939](#), the same antibody clone in a different buffer formulation.



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[ab128939](#) at 1/100 staining CLP1 in permeabilized Jurkat cells by intracellular flow cytometry (red), control Rabbit IgG (green).



OI-RD Scanning - Anti-CLP1 antibody [EPR7181] - BSA and Azide free (ab248233)

This data was developed using [ab128939](#), 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

Anti-CLP1 antibody [EPR7181] - BSA and Azide free (ab248233)

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

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