


# Anti-CTP synthase/CTPS antibody [EPR8086(B)] ab133743

リコンビナント RabMAb<sup>®</sup>

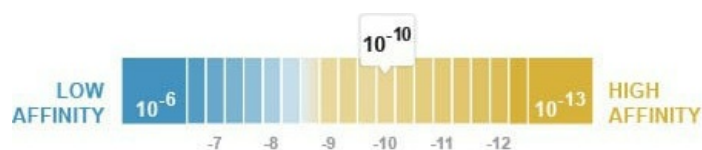
## 1 References [画像数 4](#)

### 製品の概要

製品名	Anti-CTP synthase/CTPS antibody [EPR8086(B)]
製品の詳細	Rabbit monoclonal [EPR8086(B)] to CTP synthase/CTPS
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.
ポジティブ・コントロール	Raji, HepG2, HeLa, U87-MG cell lysate; Raji cells
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <a href="#">see here</a> . 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> .

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K <sub>D</sub> 値)	K <sub>D</sub> = 1.28 x 10 <sup>-10</sup> M



[Learn more about K<sub>D</sub>](#)

バッファー pH: 7.20

Preservative: 0.01% Sodium azide  
Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant

精製度 Protein A purified  
ポリ/モノ モノクローナル  
クローン名 EPR8086(B)  
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ab133743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)		1/10 - 1/100. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Detects a band of approximately 67 kDa (predicted molecular weight: 67 kDa).

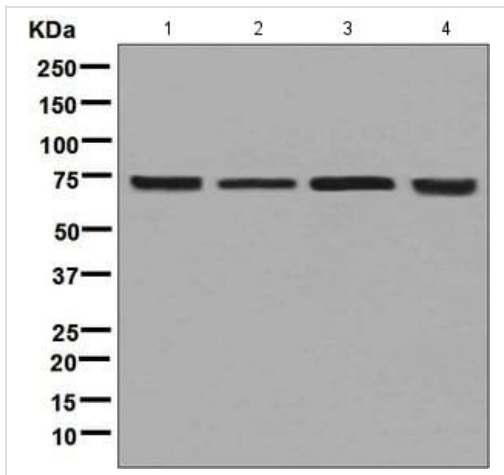
追加情報 Is unsuitable for ICC/IF, IHC-P or IP.

#### ターゲット情報

関連性 CTP synthase (CTPS) catalyzes the ATP-dependent conversion of UTP to CTP using either L-glutamine or ammonia as the source of nitrogen. The enzyme is important in the biosynthesis nucleic acids. It has a key role in cell growth, development, and tumorigenesis.

細胞内局在 Cytosol, membrane

#### 画像



Western blot - Anti-CTP synthase/CTPS antibody [EPR8086(B)] (ab133743)

**All lanes :** Anti-CTP synthase/CTPS antibody [EPR8086(B)] (ab133743) at 1/1000 dilution

**Lane 1 :** Raji cell lysate

**Lane 2 :** HepG2 cell lysate

**Lane 3 :** HeLa cell lysate

**Lane 4 :** U87-MG cell lysate

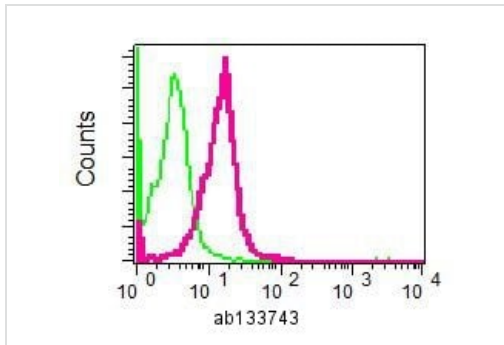
Lysates/proteins at 10 µg per lane.

**Secondary**

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

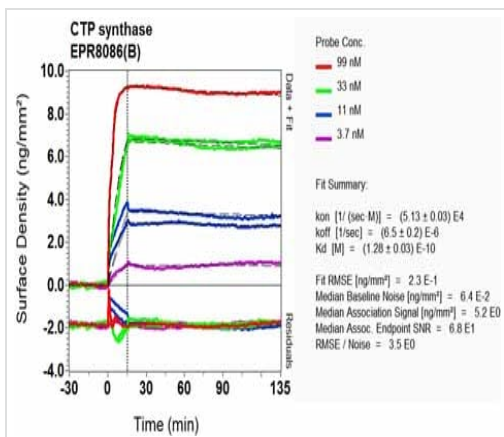
**Predicted band size:** 67 kDa

**Observed band size:** 67 kDa



Flow Cytometry (Intracellular) - Anti-CTP synthase/CTPS antibody [EPR8086(B)] (ab133743)

Intracellular Flow Cytometry analysis of permeabilized Raji cells labelling CTP synthase/CTPS with ab133743 at 1/10 (red), with rabbit IgG negative control (green).



OI-RD Scanning - Anti-CTP synthase/CTPS antibody [EPR8086(B)] (ab133743)

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-CTP synthase/CTPS antibody [EPR8086(B)]  
(ab133743)

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

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