


### Anti-DP1 antibody [EPR4959(2)] ab124678

リコンビナント **RabMAb**

★★★★★ [3 Abreviews](#) [3 References](#) [画像数 3](#)

#### 製品の概要

製品名	Anti-DP1 antibody [EPR4959(2)]
製品の詳細	Rabbit monoclonal [EPR4959(2)] to DP1
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 within Human DP1 aa 350-450. The exact sequence is proprietary.
ポジティブ・コントロール	Raji cell lysate; HeLa 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. Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 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	EPR4959(2)

## 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ab124678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	★★★★★ (2)	1/10000 - 1/50000. Detects a band of approximately 49 kDa (predicted molecular weight: 45 kDa).

### 追加情報

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

## ターゲット情報

### 機能

Can stimulate E2F-dependent transcription. Binds DNA cooperatively with E2F family members through the E2 recognition site, 5'-TTTC[CG]CGC-3', found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DP2/E2F complex functions in the control of cell-cycle progression from G1 to S phase. The E2F-1/DP complex appears to mediate both cell proliferation and apoptosis.

### 組織特異性

Highest levels in muscle. Also expressed in brain, placenta, liver and kidney. Lower levels in lung and pancreas. Not detected in heart.

### 配列類似性

Belongs to the E2F/DP family.

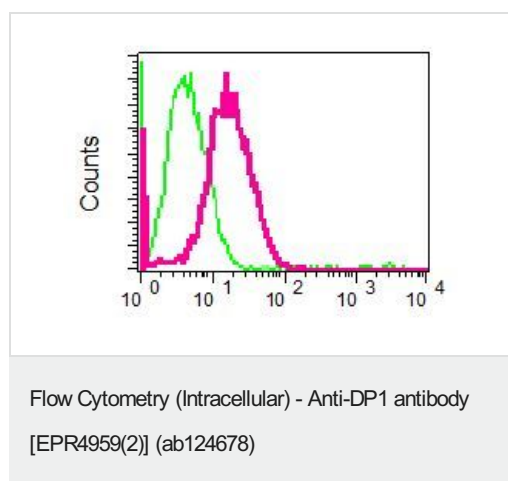
### 翻訳後修飾

Phosphorylation by E2F-1-bound cyclin A-CDK2, in the S phase, inhibits E2F-mediated DNA binding and transactivation.

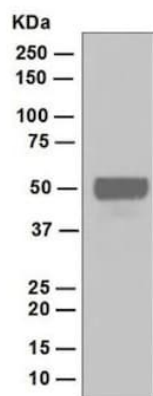
### 細胞内局在

Nucleus.

## 画像



ab124678 at 1/10 dilution staining DP1 in permeabilized HeLa cells by intracellular flow cytometry (red). Rabbit IgG negative control (green).



Anti-DP1 antibody [EPR4959(2)] (ab124678) at 1/10000 dilution +  
Raji cell lysate at 10 µg

#### Secondary

Goat anti-Rabbit HRP at 1/2000 dilution

**Predicted band size:** 45 kDa

**Observed band size:** 49 kDa

Western blot - Anti-DP1 antibody [EPR4959(2)]  
(ab124678)

#### 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-DP1 antibody [EPR4959(2)] (ab124678)

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

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