


### Anti-XRCC2 antibody [EPR5149] ab124900

リコンビナント RabMAb<sup>®</sup>

#### 1 References [画像数 3](#)

#### 製品の概要

製品名	Anti-XRCC2 antibody [EPR5149]
製品の詳細	Rabbit monoclonal [EPR5149] to XRCC2
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 XRCC2 aa 200-300. The exact sequence is proprietary.
ポジティブ・コントロール	Human testis, HeLa, SW480, SH-SY5Y, Caco 2 and Human kidney lysates.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production 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.
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	EPR5149

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ab124900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)		1/100 - 1/500. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/10000 - 1/50000. Detects a band of approximately 34 kDa (predicted molecular weight: 32 kDa).

## 追加情報

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

## ターゲット情報

### 機能

Involved in the homologous recombination repair (HRR) pathway of double-stranded DNA, thought to repair chromosomal fragmentation, translocations and deletions. The BCDX2 complex binds single-stranded DNA, single-stranded gaps in duplex DNA and specifically to nicks in duplex DNA.

### 配列類似性

Belongs to the RecA family. RAD51 subfamily.

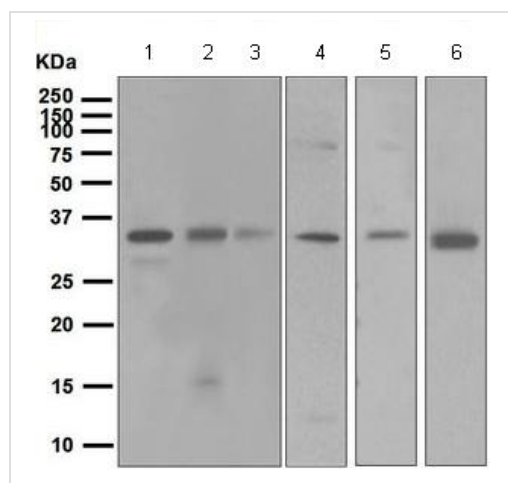
### 翻訳後修飾

Phosphorylated upon DNA damage, probably by ATM or ATR.

### 細胞内局在

Cytoplasm, Cytoskeleton, Nucleus

## 画像



Western blot - Anti-XRCC2 antibody [EPR5149]  
(ab124900)

**All lanes** : Anti-XRCC2 antibody [EPR5149] (ab124900) at  
1/10000 dilution

**Lane 1** : Human testis lysate

**Lane 2** : HeLa lysate

**Lane 3** : SW480 lysate

**Lane 4** : SH-SY5Y lysate

**Lane 5** : Caco 2 lysate

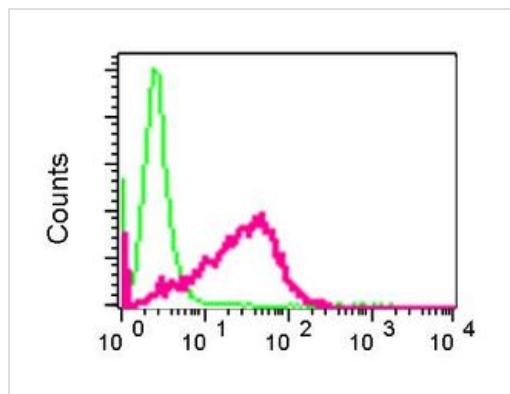
**Lane 6** : Human kidney lysate

Lysates/proteins at 10 µg per lane.

### Secondary

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





**Predicted band size: 32 kDa**



ab124900 at 1/100 dilution staining XRCC2 in permeabilised HeLa cells by intracellular flow cytometry (red). Rabbit IgG negative control antibody (green).

Flow Cytometry (Intracellular) - Anti-XRCC2 antibody [EPR5149] (ab124900)

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-XRCC2 antibody [EPR5149] (ab124900)

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

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