


# Anti-XRCC2 antibody [EPR5149] - BSA and Azide free ab248049

リコンビナント **RabMAb**

## 1 References 画像数 3

### 製品の概要

製品名	Anti-XRCC2 antibody [EPR5149] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR5149] to XRCC2 - 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>ab248049 is the carrier-free version of <a href="#">ab124900</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.
バッファー	pH: 7.2 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	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ab248049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。

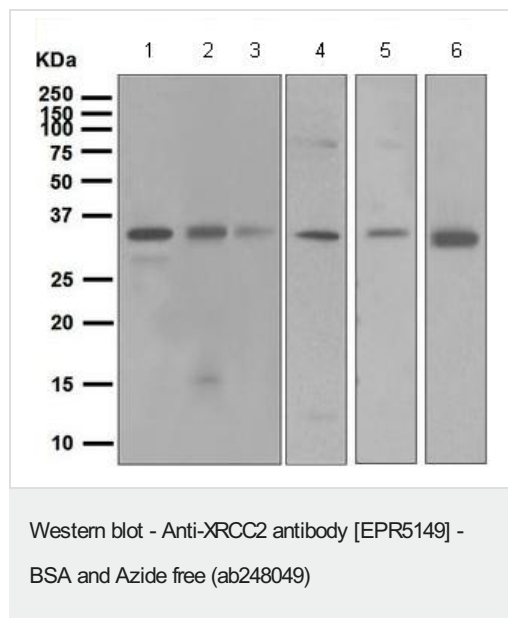
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 34 kDa (predicted molecular weight: 32 kDa).

**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



**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

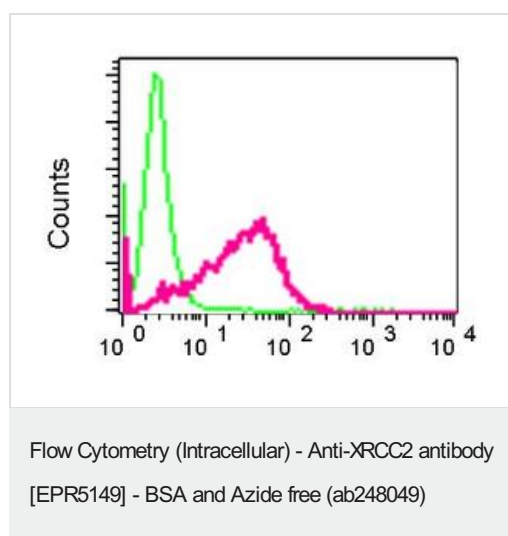
Lysates/proteins at 10 µg per lane.

## Secondary

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

**Predicted band size:** 32 kDa

This data was developed using **ab124900**, the same antibody clone in a different buffer formulation.



This data was developed using **ab124900**, the same antibody clone in a different buffer formulation.

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

### 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-XRCC2 antibody [EPR5149] - BSA and Azide free (ab248049)

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

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