

## Product datasheet

### Anti-RECQ1 antibody [EPR8048] ab150421

Recombinant RabMAb

[1 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-RECQ1 antibody [EPR8048]
<b>Description</b>	Rabbit monoclonal [EPR8048] to RECQ1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF, IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human RECQ1 aa 1-100 (N terminal). The exact sequence is proprietary.
<b>Positive control</b>	Raji; 293T and HeLa cell lysates
<b>General notes</b>	<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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C.
<b>Storage buffer</b>	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant</p>
<b>Purity</b>	Tissue culture supernatant

Clonality	Monoclonal
Clone number	EPR8048
Isotype	IgG

### Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab150421 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

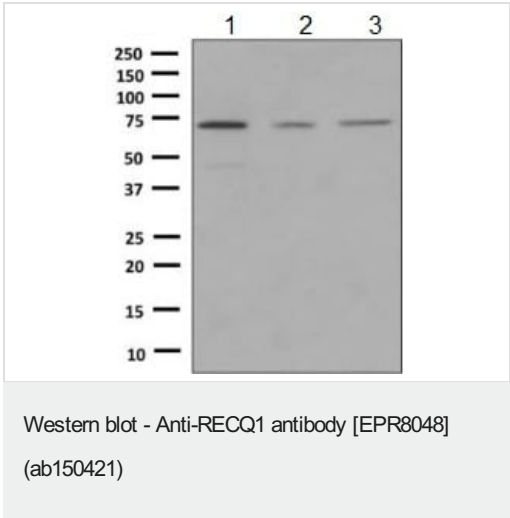
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 72 kDa.

**Application notes** Is unsuitable for Flow Cyt,ICC/IF,IHC-P or IP.

### Target

Function	DNA helicase that may play a role in the repair of DNA that is damaged by ultraviolet light or other mutagens. Exhibits a magnesium-dependent ATP-dependent DNA-helicase activity that unwinds single- and double-stranded DNA in a 3'-5' direction.
Tissue specificity	High expression in heart, lung, skeletal muscle and kidney, low expression in brain.
Sequence similarities	Belongs to the helicase family. RecQ subfamily. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain.
Cellular localization	Nucleus.

### Images



**All lanes** : Anti-RECQ1 antibody [EPR8048] (ab150421) at 1/1000 dilution

**Lane 1** : Raji cell lysate

**Lane 2** : 293T cell lysate

**Lane 3** : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 72 kDa

### 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-RECQ1 antibody [EPR8048] (ab150421)

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

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