

For Research Use Only

# CoraLite® Plus 647-conjugated RECQL Recombinant antibody

Catalog Number: CL647-85024-6



## Basic Information

Catalog Number:	CL647-85024-6	GenBank Accession Number:	BC001052	Purification Method:	Protein A purification
Concentration:	1000 ug/ml	GenID (NCBI):	5965	CloneNo.:	242577F1
Source:	Rabbit	UNIPROT ID:	P46063	Recommended Dilutions:	IF/ICC: 1:50-1:500
Isotype:	IgG	Full Name:	RecQ protein-like (DNA helicase Q1-like)	Excitation/Emission maxima wavelengths:	654 nm / 674 nm
Immunogen Catalog Number:	AG6834	Calculated MW:	73 kDa		

## Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : HeLa cells,

**Background Information**  
RECQL, also known as RecQ-like helicase, is a member of the RecQ DNA helicase family. These enzymes play a crucial role in maintaining genomic integrity by participating in various DNA repair processes, including mismatch repair, nucleotide excision repair, and direct repair. It's reported that the low RECQL expression is strongly associated with poor prognosis in breast cancer. RECQL expression may be a useful marker in estimating the prognosis of breast cancer patients. (PMID: 29914420)

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

For technical support and original validation data for this product please contact:  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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## Selected Validation Data



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Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 647 RECQL antibody (CL647-85024-6, Clone: 242577F1) at dilution of 1:200.