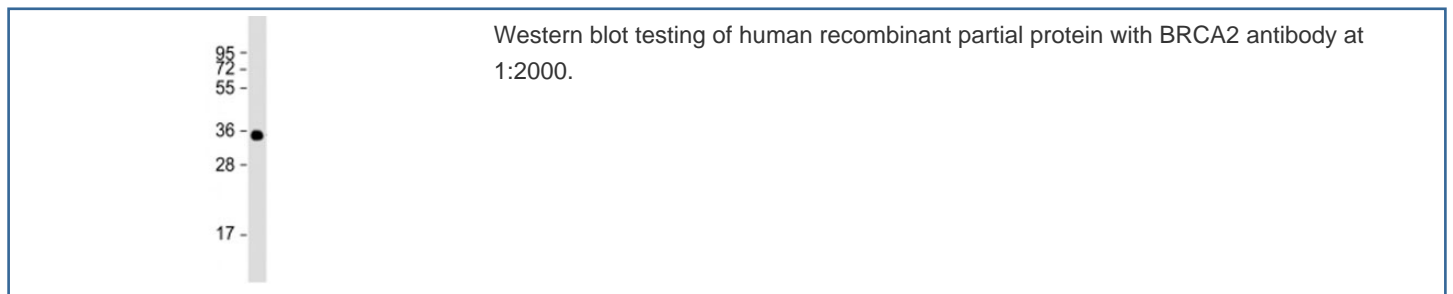


## BRCA2 Antibody [clone 1643CT739.91.87] (F53811)

Catalog No.	Formulation	Size
F53811-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53811-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	1643CT739.91.87
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P51587
<b>Applications</b>	Western Blot : 1:1000-2000
<b>Limitations</b>	This BRCA2 antibody is available for research use only.



### Description

Breast cancer type 2 susceptibility protein is involved in double-strand break repair and/or homologous recombination. Binds RAD51 and potentiates recombinational DNA repair by promoting assembly of RAD51 onto single-stranded DNA (ssDNA).

Studies examining homologous recombination and hereditary tumor susceptibility pathways may also benefit from our

[BRCA1 antibody page](#) featuring a highly specific DNA repair marker associated with genomic stability maintenance.

## **Application Notes**

Titration of the BRCA2 antibody may be required due to differences in protocols and substrate sensitivity.

## **Immunogen**

A human recombinant protein of amino acids 251-495 was used as the immunogen for the BRCA2 antibody.

## **Storage**

Aliquot the BRCA2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.