

**Product Name: Rad50 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe01452**



## Summary

<b>Production Name</b>	Rad50 Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	RAD50
<b>Alternative Names</b>	RAD50; DNA repair protein RAD50; hRAD50
<b>Gene ID</b>	10111
<b>SwissProt ID</b>	Q92878

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000
<b>Molecular Weight</b>	Calculated MW: 154 kDa; Observed MW: 154 kDa

## Background

**Product Name: Rad50 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe01452**

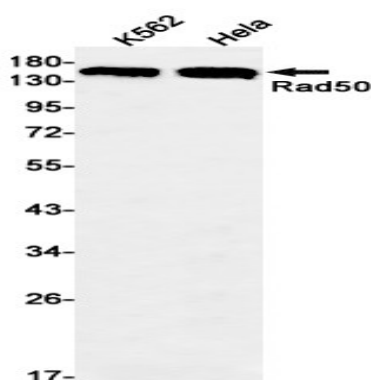


Component of the MRN complex, which plays a central role in double-strand break (DSB) repair, DNA recombination, maintenance of telomere integrity and meiosis. The complex possesses single-strand endonuclease activity and double-strand-specific 3'-5' exonuclease activity, which are provided by MRE11A.

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of Rad50 in K562, HeLa lysates using Rad50 antibody.

## Note

For research use only.