
Product Name: Rad51 (4H10) Mouse Monoclonal Antibody**Catalog #: AMM03448**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human, Mouse, Rat, Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 37 kDa; Observed MW: 37 kDa

Antigen Information

Gene Name	RAD51
Alternative Names	RAD51; RAD51A; RECA; DNA repair protein RAD51 homolog 1; HsRAD51; hRAD51; RAD51 homolog A
Gene ID	5888
SwissProt ID	Q06609
Immunogen	A synthetic peptide of human Rad51

Background

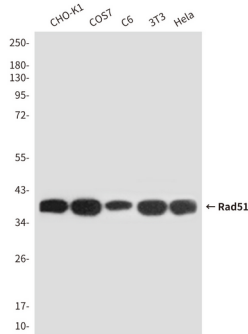
Rad51 participates in a common DNA damage response pathway associated with the activation of homologous recombination

and double-strand break repair. Binds to single and double-stranded DNA and exhibits DNA-dependent ATPase activity. Underwinds duplex DNA and forms helical nucleoprotein filaments.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Rad51 in CHO-K1, COS7, C6, 3T3 and HeLa lysates using Rad51 antibody.