

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

Summary

Production Name	Rad51 (4H10) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat,Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2a
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

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.

Application

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

Background

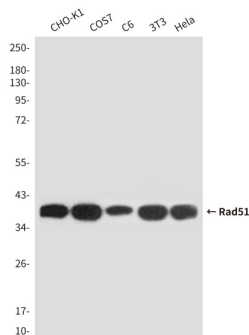
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Rad51 participates in a common DNA damage response pathway associated with the activation of homologous recombination and double-strand break repair. Binds to single and double-stranded DNA and exhibits DNA-dependent ATPase activity. Underwinds duplex 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.

Note

For research use only.