
Summary

Production Name	Rad51 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human,Mouse,Rat

Performance

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

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 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 37 kDa; Observed MW: 37 kDa

Product Name: Rad51 Rabbit Monoclonal Antibody
Catalog #: AMRe03792



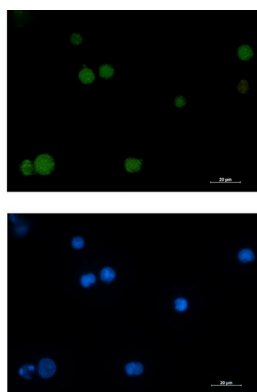
Background

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.

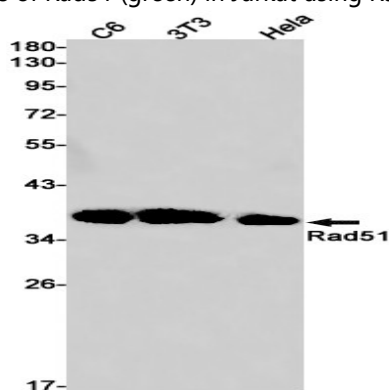
Research Area

Epigenetics and Nuclear Signaling

Image Data



Immunocytochemistry analysis of Rad51 (green) in Jurkat using Rad51 antibody, and DAPI (blue).



Western blot analysis of Rad51 in C6, 3T3, HeLa lysates using Rad51 antibody.

Note

For research use only.