

Rad51 antibody [14B4]

Cat. No. GTX70230

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC-P, IP, IHC, PLA
Reactivity	Human, Mouse, Rat, Chicken

References (116)

 Review (1)

Package

100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	Assay dependent
IHC	Assay dependent
PLA	Assay dependent

Not tested in other applications.

Observed MW (kDa) 37 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length (amino acids 1-338) Rad51 expressed in E. coli.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

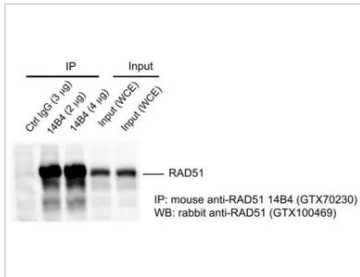


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DATA IMAGES

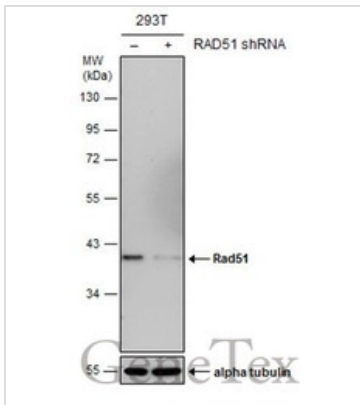


GTX70230 IP Image

Mouse anti-RAD51 14B4 antibody (GTX70230) was used in IP assay (immunoprecipitation) using HeLa cell extract prepared with lysis 180 buffer (40 mM Tris-HCl pH8.0, 180 mM NaCl, 1 mM EDTA, 0.5% NP-40).

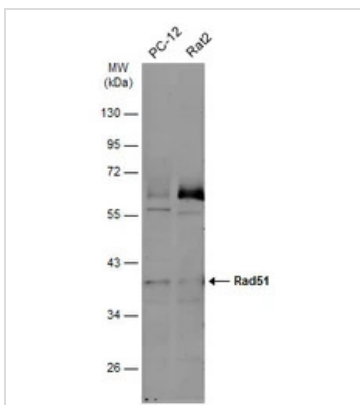
Rabbit anti-RAD51 antibody (GTX100469) was used for subsequent WB detection of immunoprecipitated RAD51.

Whole cell extract was used as input.



GTX70230 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Rad51 antibody [14B4] (GTX70230) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



GTX70230 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Rad51 antibody [14B4] (GTX70230) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



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