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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Rad51 antibody [14B4]

Cat No. GTX70230

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Application	WB, ICC/IF, IHC-P, IP, PLA
Reactivity	Human, Mouse, Rat, Chicken

Reference (59)

★★★★☆ Review (1)

Package

100 µl

APPLICATION

Application Note

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

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

Not tested in other applications.

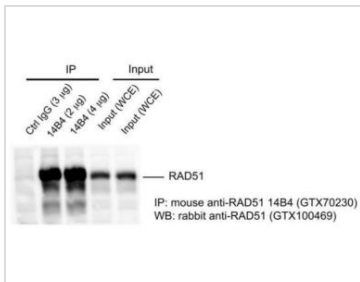
Calculated MW 37 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS
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	2.22 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
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



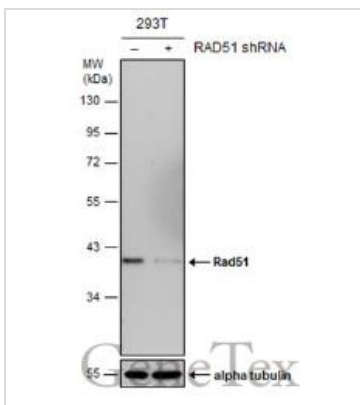
For full product information, images and publications, please visit our [website](#).

DATA IMAGES

GTX70230 IP Image

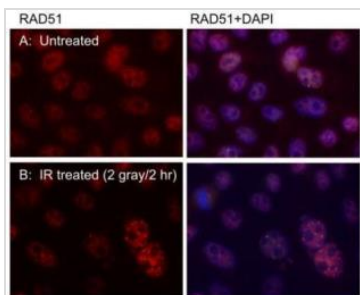
Mouse anti-RAD51 14B4 antibody (GTX70230) was used in IP assay (immunoprecipitation) using HeLa cell extract prepared with lysis 180 buffer (40 mM Tris-HCl pH8.0, 180 mM NaCl, 1 mM EDTA, 0.5% NP-40).

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

Whole cell extract was used as input.


GTX70230 WB Image

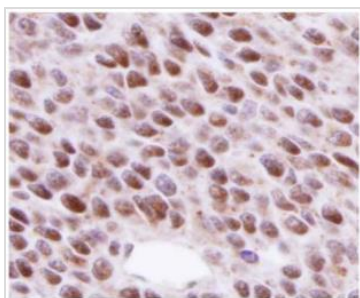
Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Rad51 antibody [14B4] (GTX70230) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX70230 ICC/IF Image

Immunofluorescent staining of RAD51 nuclear foci in U2OS cells using RAD51 14B4 antibody (GTX70230). Cells were pre-extracted with CSK buffer before fixation with 4% PFA.

RAD51 14B4 was used at 1:1000 dilution. DAPI was used to counterstain the nucleus.

Scale bar, 10 micrometers.


GTX70230 IHC-P Image

RAD51 antibody 14B4 (GTX70230) detects RAD51 in nucleus on BT483 xenograft by immunohistochemical analysis.

Sample: Paraffin-embedded BT483 xenograft.

RAD51 antibody 14B4 (GTX70230) dilution: 1:200.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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