

## Rad51 Rabbit mAb

Catalog No: #58574



Package Size: #58574-1 50ul #58574-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	Rad51 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB;IHC;ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	Rad51 Antibody detects endogenous levels of total Rad51
Conjugates	Unconjugated
Other Names	RAD51 homolog A; DNA repair protein RAD51 homolog 1; RAD51A; RECAhomolog S. cerevisiae; RAD51A; RECA; Rad 51; RecA homolog E. coli; RecA like protein;
Accession No.	Q06609
Calculated MW	37 kDa
SDS-PAGE MW	37 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

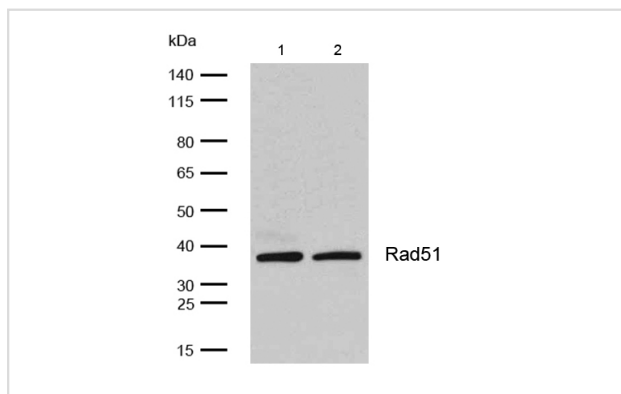
## Application Details

WB: 1:500-1:2000

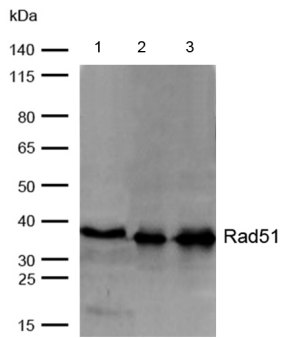
IHC: 1:50-1:200

ICC/IF: 1:50-1:200

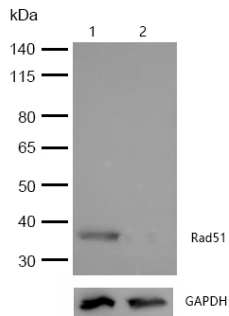
## Images



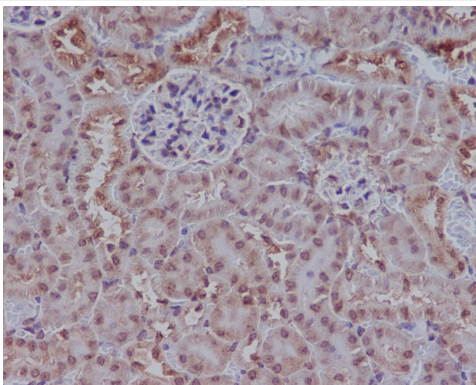
All lanes: Rad51 Rabbit mAb at 1/1k dilution  
 Lane 1 : 293 whole cell lysates  
 Lane 2 : K562 whole cell lysates  
 Lysates/proteins at 20 µg per lane.  
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution  
 Predicted band size: 37 kDa  
 Observed band size: 37 kDa  
 Exposure time: 6 seconds



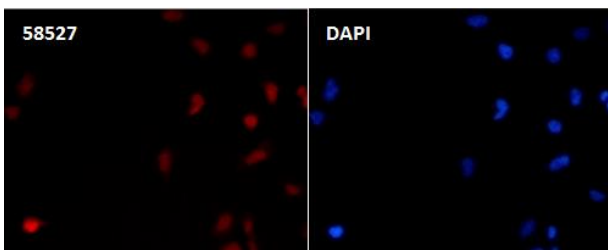
All lanes: Rad51 Rabbit mAb at 1/1k dilution  
 Lane 1 : RAW264.7 whole cell lysates  
 Lane 2 : PC12 whole cell lysates  
 Lane 3 : C6 whole cell lysates  
 Lysates/proteins at 20 µg per lane.  
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution  
 Predicted band size: 37 kDa  
 Observed band size: 37 kDa  
 Exposure time: 3 seconds



All lanes: Rad51 Rabbit mAb at 1/1k dilution  
 Lane 1 : Wild-type HeLa cell lysate  
 Lane 2 : Rad51 knockdown HeLa cell lysate  
 Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded mouse kidney tissue stained for Rad51 using 58574 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Rad51 antibody (58574)  
 ICC/IF staining of Rad51 in 293T cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 58574 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.