

## RAD18 Rabbit mAb

Catalog No: #49044

Package Size: #49044-1 50ul #49044-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

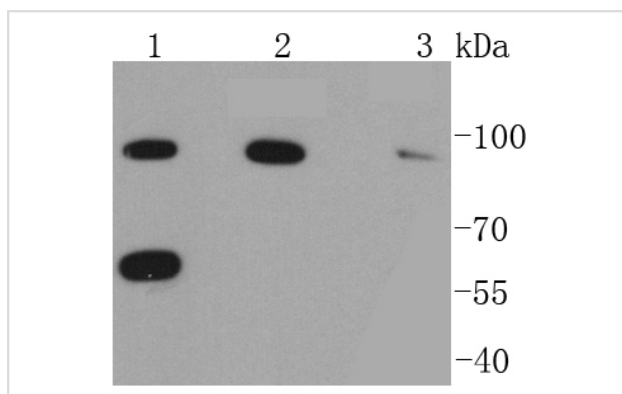
## Description

Product Name	RAD18 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SN66-01
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	2810024C04Rik antibody DNA repair protein rad18 antibody E3 ubiquitin-protein ligase RAD18 antibody EC 6.3.2.- antibody hHR 18 antibody hHR18 antibody hRAD 18 antibody hRAD18 antibody MGC156682 antibody Postreplication repair E3 ubiquitin-protein ligase RAD18 antibody Postreplication repair protein hRAD18p antibody Postreplication repair protein RAD18 antibody RAD 18 antibody RAD18 antibody RAD18 homolog (S. cerevisiae) antibody RAD18 homolog antibody RAD18 S. cerevisiae homolog antibody RAD18 S. cerevisiae homolog of antibody RAD18 transcript variant antibody RAD18_HUMAN antibody Rad18sc antibody Radiation sensitivity protein 18 antibody RING finger protein 73 antibody RNF 73 antibody RNF73 antibody Structural maintenance of chromosomes protein 6 antibody YCR066W antibody YCR66W antibody
Accession No.	Swiss-Prot#:Q9NS91
Uniprot	Q9NS91
GeneID	56852;
Calculated MW	56/90kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

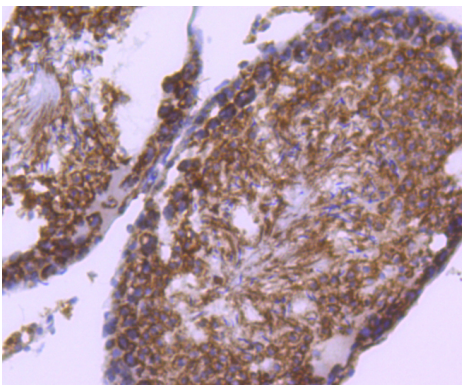
## Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200 ICC: 1:100-1:500FC: 1:50-1:100

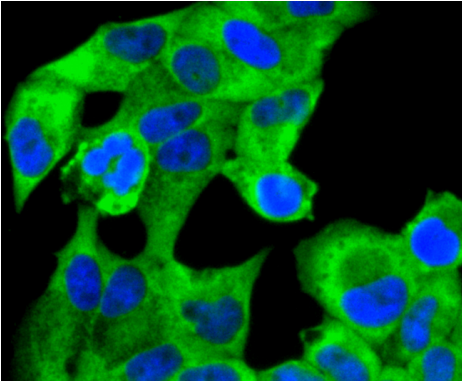
## Images



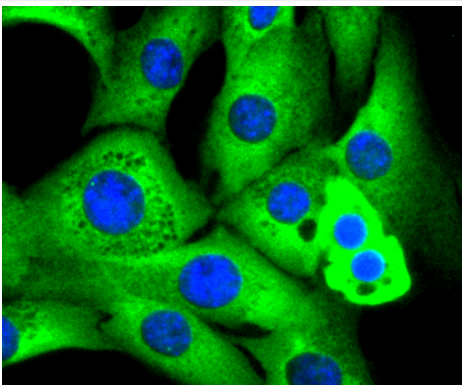
Western blot analysis of RAD18 on different lysates using anti-RAD18 antibody at 1/1,000 dilution. Positive control:  
Lane 1: NIH/3T3      Lane 2: 293T Lane 3: MCF-7



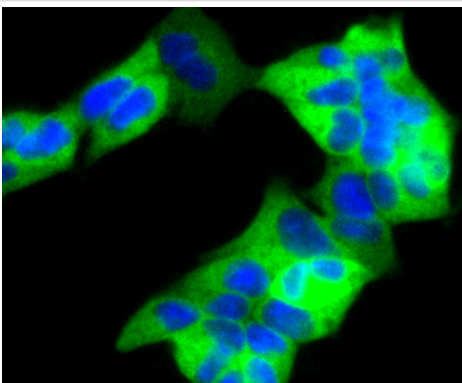
Immunohistochemical analysis of paraffin-embedded rat testis tissue using anti-RAD18 antibody. Counter stained with hematoxylin.



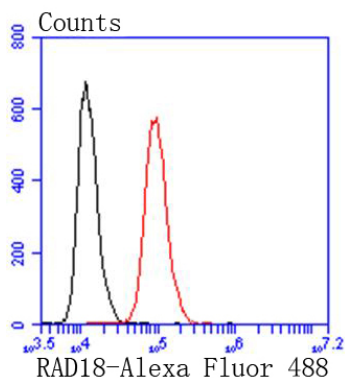
ICC staining RAD18 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining RAD18 in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining RAD18 in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of HeLa cells with RAD18 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody

## Background

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The RING-type zinc finger protein Rad18 is essential in post-replication repair of damaged DNA and contributes to the maintenance of genomic stability. Rad18 maintains chromosomal DNA with the Rad54-dependent DNA repair pathway and recruits ubiquitin-conjugating enzymes in the Rad6 pathway. Rad18 functions in gap-filling of a daughter strand on replication of damaged DNA and is localized in the nucleus.

## References

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Note: This product is for in vitro research use only