

# RAD18 Recombinant Rabbit Monoclonal Antibody (SN66-01)

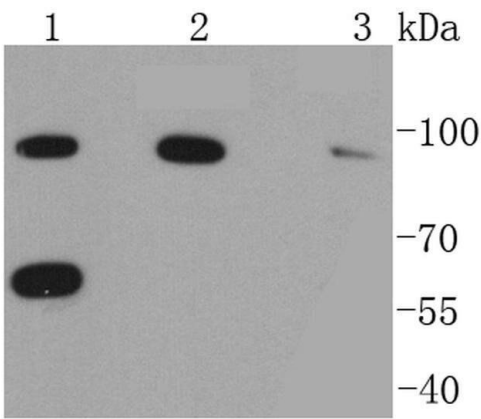
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	SN66-01
Conjugate	Unconjugated
Immunogen	Synthetic peptide within Human RAD18 aa 50-99
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 40% Glycerol, 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2809569

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:2,000	2 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-
Flow Cytometry (Flow)	1:50-1:100	-

## Product Specific Information

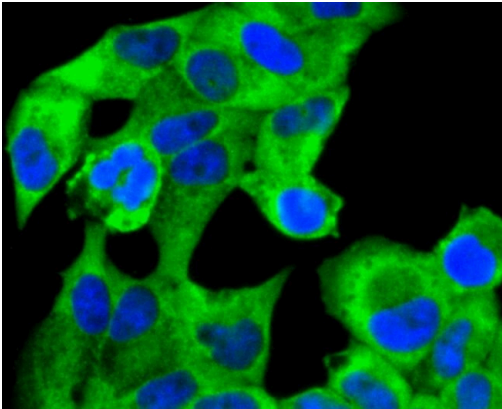
Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For RAD18 Recombinant Rabbit Monoclonal Antibody (SN66-01)



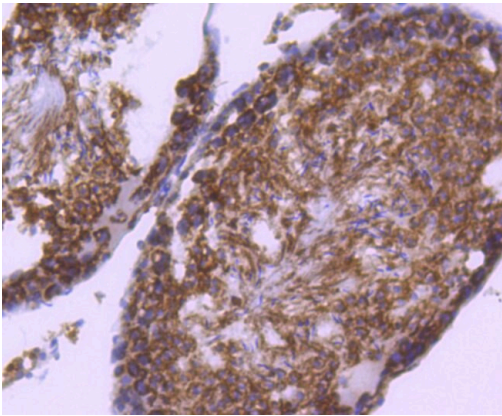
**RAD18 Antibody (MA5-32284) in WB**

Western blot analysis of RAD18 in different lysates using a Monoclonal antibody (Product #MA5-32284) at a dilution of 1:1,000. Positive control: Lane 1: NIH/3T3, Lane 2: 293T, Lane 3: MCF-7.



**RAD18 Antibody (MA5-32284) in ICC/IF**

Immunocytochemical analysis of RAD18 in Hela cells using a RAD18 Monoclonal antibody (Product # MA5-32284) as seen in green. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



**RAD18 Antibody (MA5-32284) in IHC (P)**

Immunohistochemical analysis of RAD18 of paraffin-embedded rat testis tissue using a RAD18 Monoclonal antibody (Product #MA5-32284). Counter stained with hematoxylin.

[View more figures on thermofisher.com](https://www.thermofisher.com)

Western Blot (2)

<p>Cancer medicine</p> <p><b>RAD18 confers radioresistance of esophagus squamous cell carcinoma through regulating p-DNA-PKcs.</b></p> <p>"Published figure using RAD18 recombinant monoclonal antibody (Product # MA5-32284) in Immunohistochemistry"</p> <p>Authors: Li X,Zou S,Zhou L,Gao A,Xu J,He C,Zhou J,Wu S,Chen Y</p>	<p>Year</p> <p>2022</p>
<p>Cell death discovery</p> <p><b>A positive feedback loop: RAD18-YAP-TGF- between triple-negative breast cancer and macrophages regulates cancer stemness and progression.</b></p> <p>"Published figure using RAD18 recombinant monoclonal antibody (Product # MA5-32284) in Western Blot"</p> <p>Authors: Yan X,He Y,Yang S,Zeng T,Hua Y,Bao S,Yang F,Duan N,Sun C,Liang Y,Fu Z,Huang X,Li W,Yin Y</p>	<p>Year</p> <p>2022</p>

Immunohistochemistry (1)

<p>Cancer medicine</p> <p><b>RAD18 confers radioresistance of esophagus squamous cell carcinoma through regulating p-DNA-PKcs.</b></p> <p>"Published figure using RAD18 recombinant monoclonal antibody (Product # MA5-32284) in Immunohistochemistry"</p> <p>Authors: Li X,Zou S,Zhou L,Gao A,Xu J,He C,Zhou J,Wu S,Chen Y</p>	<p>Year</p> <p>2022</p>
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