

For Research Use Only

# RAD1 Monoclonal antibody

Catalog Number: 68637-1-Ig



## Basic Information

<b>Catalog Number:</b> 68637-1-Ig	<b>GenBank Accession Number:</b> BC006837	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 5810	<b>CloneNo.:</b> 1A11E2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O60671	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
<b>Isotype:</b> IgG2a	<b>Full Name:</b> RAD1 homolog (S. pombe)	
<b>Immunogen Catalog Number:</b> AG33257	<b>Calculated MW:</b> 32 kDa	
	<b>Observed MW:</b> 32 kDa	

## Applications

<b>Tested Applications:</b> IP, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human	<b>WB :</b> MKN-45 cells, U2OS cells, HeLa cells, HEK-293 cells, Jurkat cells, MOLT-4 cells, Raji cells, Daudi cells, K-562 cells
	<b>IP :</b> HeLa cells,

## Background Information

RAD1 is also named as REC1, hRAD1. The human RAD1 and HUS1 proteins associate in a complex that interacts with a highly modified form of RAD9. They concluded that these 3 proteins are central components of a DNA damage-responsive protein complex in human cells. It has 3 isoforms produced by alternative splicing.

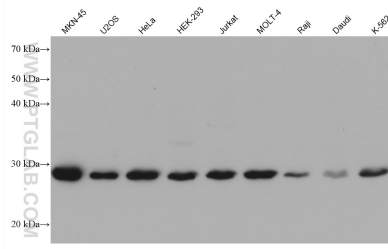
## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

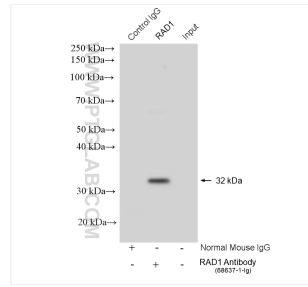
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68637-1-Ig (RAD1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP result of anti-RAD1 (IP:68637-1-Ig, 4ug; Detection:68637-1-Ig 1:1000) with HeLa cells lysate 1320 ug.