



# Rabbit Anti-RAD18 monoclonal antibody, clone TO77-12 (DCABH-4917)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	RAD18
<b>Immunogen</b>	Recombinant protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	TO77-12
<b>Purification</b>	Protein A purified.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC/IF, IHC, FC
<b>Molecular Weight</b>	56/90kDa
<b>Cellular Localization</b>	Nucleus, Cytoplasm.
<b>Positive Control</b>	NIH/3T3, MCF-7, 293T.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
<b>Preservative</b>	0.05% Sodium Azide

**Storage**

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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## BACKGROUND

**Introduction**

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.

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**Keywords**

2810024C04Rik;DNA repair protein rad18;E3 ubiquitin-protein ligase RAD18;EC 6.3.2.-;hHR18;hHR18;hRAD 18;hRAD18;MGC156682;Postreplication repair E3 ubiquitin-protein ligase RAD18;Postreplication repair protein hRAD18p;Postreplication repair protein RAD18;RAD18;RAD18;RAD18 homolog (S. cerevisiae);RAD18 homolog;RAD18 S. cerevisiae homolog;RAD18 S. cerevisiae homolog of;RAD18 transcript variant;RAD18\_HUMAN;Rad18sc;Radiation sensitivity protein 18;RING finger protein 73;RNF73;RNF73;Structural maintenance of chromosomes protein 6;YCR066W;YCR66W antibody

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