



# Rabbit Anti-Human RAD1 monoclonal antibody, clone 9I20M24 (CABT-L1563)

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

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody is predicted to react with Monkey, Pig, Cat and Sheep.
<b>Target</b>	RAD1
<b>Immunogen</b>	Protein corresponding to Human RAD1 (aa 133-282)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	9I20M24
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FC, ICC, IF, WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

## BACKGROUND

**Introduction** Rad1 is a component of a heterotrimeric PCNA-like complex that contains Rad9 and Hus1 proteins. This complex is involved in the 9-1-1 cell cycle checkpointing response complex that plays a major role in DNA repair, by associating with Rad17 and several components of the PCNA-loading heteropentamer replication factor C. Mutants has been shown to partially restore radiation resistance and G2-checkpoint activity. It has also been shown to possess exonuclease activity.

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**Keywords** RAD1;RAD1 checkpoint DNA exonuclease;REC1;HRAD1;cell cycle checkpoint protein  
RAD1;RAD1 homolog;exonuclease homolog RAD1;DNA repair exonuclease REC1;checkpoint control protein HRAD1;DNA repair exonuclease rad1 homolog

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## GENE INFORMATION

**Entrez Gene ID** [5810](#)

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**UniProt ID** [O60671](#)

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