



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

Specificity	This antibody is predicted to react with Monkey, Pig, Cat and Sheep.
Target	RAD1
Immunogen	Protein corresponding to Human RAD1 (aa 133-282)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	9I20M24
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	FC, ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.4
Preservative	0.09% Sodium Azide
Storage	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 checkpoing 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.
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

GENE INFORMATION

Entrez Gene ID	5810
UniProt ID	Q60671