

## Rad21 Rabbit mAb

Catalog No: #56053

Package Size: #56053-1 50ul #56053-2 100ul

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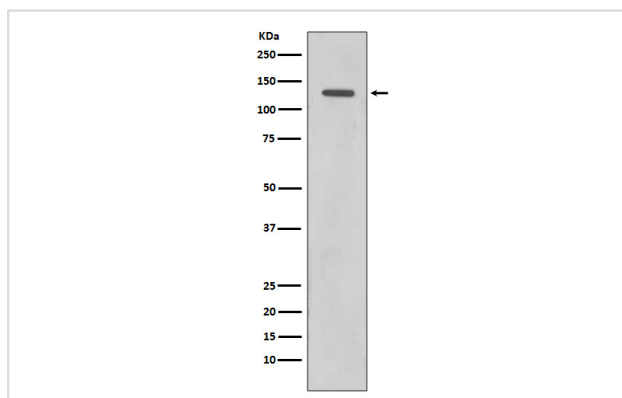
## Description

Product Name	Rad21 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB FC
Species Reactivity	Human Mouse Rat
Specificity	Rad21 Antibody detects endogenous levels of total Rad21
Immunogen Description	A synthesized peptide derived from human Rad21
Other Names	hHR21; Nuclear matrix protein 1; NXP-1; SCC1 homolog; HR21; KIAA0078; NXP1; Rad21;
Accession No.	Uniprot:O60216
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Calculated MW	72,128kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4 $\Lambda$ C short term. Store at -20 $\Lambda$ C long term. Avoid freeze / thaw cycle.

## Application Details

WB:1:500~1:1000FC:1:50

## Images



Western blot analysis of Rad21 expression in HeLa cell lysate.

## Product Description

Rad21 is one of the major cohesin subunits that holds sister chromatids together until anaphase, when proteolytic cleavage by separase, a caspase-like enzyme, allows chromosomal separation. Rad21 interacts with Rec8 to form a cohesin complex that functions in sister chromatid alignment. Rad21 is also involved in the repair of double-strand breaks in DNA and is essential for mitotic growth. Rad21 undergoes a C-terminal cleavage induced by diverse stimuli right before apoptosis.

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Note: This product is for in vitro research use only