

# Rad21 Conjugated Antibody

Catalog No: #C56053

Package Size: #C56053-AF350 100ul #C56053-AF405 100ul #C56053-AF488 100ul #C56053-AF555 100ul #C56053-AF594 100ul #C56053-AF647 100ul #C56053-AF680 100ul #C56053-AF750 100ul #C56053-Biotin 100ul #C56053-Conjugated 50ul

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## Description

Product Name	Rad21 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, IF, FC
Species Reactivity	Human Mouse Rat
Specificity	Rad21 Antibody detects endogenous levels of total Rad21
Immunogen Description	A synthesized peptide derived from human Rad21
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	hHR21; Nuclear matrix protein 1; NXP-1; SCC1 homolog; HR21; KIAA0078; NXP1; Rad21;
Accession No.	Uniprot:O60216
Calculated MW	72,128kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

WB: 1:50-1:200

IF: 1:50-1:200

FC: 1:50-1:200

## 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.