

## RAD21

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB FC

**Recommended Dilution:**WB 1:500 - 1:2000 FC 1:50 - 1:100

**Calculated MW:**130kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human RAD21

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HR21; MCD1; NXP1; SCC1; CDLS4; hHR21; HRAD21;

**Background:**

The protein encoded by this gene is highly similar to the gene product of *Schizosaccharomyces pombe rad21*, a gene involved in the repair of DNA double-strand breaks, as well as in chromatid cohesion during mitosis. This protein is a nuclear phospho-protein, which becomes hyperphosphorylated in cell cycle M phase. The highly regulated association of this protein with mitotic chromatin specifically at the centromere region suggests its role in sister chromatid cohesion in mitotic cells.

*To place an order, please [Click HERE](#).*

**Catalog #:**A5274

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5885

**Isotype:**IgG

**Swiss Prot:**O60216

**Purity:**Affinity purification

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