

Rad21 Rabbit mAb

Catalog No.: A19749 Recombinant 1 Publications

Basic Information

Observed MW

130kDa

Calculated MW

72kDa

Category

Primary antibody

Applications

WB,ELISA,ChIP,ChIP-seq

Cross-Reactivity

Human, Mouse, Rat

Clone/No. number

ARC2276

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 phosphoprotein, 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.

Recommended Dilutions

WB 1:1000 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

ChIP 5µg antibody for 10µg-15µg of Chromatin

ChIP-seq 1:50 - 1:100

Immunogen Information

Gene ID

5885

Swiss Prot

O60216

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

MGS; HR21; MCD1; NXP1; SCC1; CDLS4; hHR21; HRAD21; Rad21

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data

