

Mouse anti-Human, Mouse Rad21 Antibody | anti-Rad21 antibody

AbFlex Rad21 antibody (rAb)

CATALOG # AAA60277	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, Immunofluorescence
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PRODUCT SYNONYMS

Rad21; AbFlex Rad21 antibody (rAb); HR21; MCD1; NXP1; SCC1; CDLS4; hHR21; HRAD21; anti-Rad21 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG2a
Purity/Purification	Protein A Chromatography
Form/Format	Purified IgG in 140mM Hepes, pH7.5, 70mM NaCl, 32mM NaOAc, 0.035% sodium azide, 30% glycerol. Sodium azide is highly toxic.
Concentration	1ug/ul (varies by lot)
Applicable Applications for anti-Rad21 antibody	WB (Western Blot), IF (Immunofluorescence)
Antibody Type	Recombinant Antibody
Immunogen	This antibody was raised against recombinant protein corresponding to the N-terminal half of mouse Rad21.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



IF (Immunofluorescence)

AbFlex Rad21 antibody (rAb) tested by Immunofluorescence. HeLa cells stained with 0.5 ug /mL of AbFlex Rad21 antibody (rAb) (Top Panel) or DAPI (Lower Panel) followed by anti-mouse IgG-488.



SDS-PAGE

AbFlex Rad21 antibody (rAb) tested by Western blot. 20 ug of HeLa cell nuclear extract was run on SDS-PAGE and probed with AbFlex Rad21 antibody at 1 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-Rad21 antibody	Short Description: AbFlex antibodies are recombinant antibodies (rAbs) that have been generated using defined DNA sequences to produce highly specific, reproducible antibodies. Each AbFlex antibody contains a 6xHis-tag, a Biotinylation Tag for enzymatic biotin conjugation using the biotin ligase, BirA, and a sortase recognition motif (LPXTG) to attach a variety of labels directly to the antibody including fluorophores, enzymatic substrates (HRP, AP), peptides, drugs as well as solid supports. Our AbFlex Rad21 antibody (rAb) was raised in a Mouse host. It has been validated for use in Immunofluorescence and Western blot; it has been shown to react with Human and Mouse samples. Background: AbFlex antibodies are recombinant antibodies (rAbs) that have been generated using defined DNA sequences to produce highly specific, reproducible antibodies. Each AbFlex antibody contains a 6xHis-tag, a Biotinylation Tag for enzymatic biotin conjugation using the biotin ligase, BirA, and a sortase recognition motif (LPXTG) to attach a variety of labels directly to the antibody including fluorophores, enzymatic substrates (HRP, AP), peptides, drugs as well as solid supports. AbFlex Rad21 antibody was expressed as full-length IgG with mouse immunoglobulin heavy and light chains (IgG2a isotype) in mammalian 293 cells Rad21 (HR21, MCD1, NXP1, hHR21) is highly similar to the gene product of S. pombe Rad21, a gene involved in the repair of DNA double-strand breaks, as well as in chromatid cohesion during mitosis. Rad21 is a nuclear phosphoprotein, which becomes hyperphosphorylated in cell cycle M phase. The highly regulated association of Rad21 with mitotic chromatin specifically at the centromere region suggests its role in sister chromatid cohesion in mitotic cells.
Product Categories/Family for anti-Rad21 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	100kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-mouse-antibody/rad21/60277>