

Rabbit Rad21 Monoclonal Antibody | anti-Rad21 antibody

Recombinant Rad21 Monoclonal Antibody

CATALOG # AAA178820	HOST Rabbit	REACTIVITY Human, Hamster	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Rad21; Monoclonal Antibody; Recombinant Rad21 Monoclonal Antibody; MGS; HR21; MCD1; NXP1; SCC1; CDLS4; hHR21; HRAD21; anti-Rad21 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Hamster
Clonality	Monoclonal
Isotype	IgG
Clone Number	R03-5I0
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-Rad21 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Rad21
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of Rad21 in paraffin-embedded Human lung cancer tissue using Rad21 Rabbit mAb at dilution 1:50



WB (Western Blot)

Western blot detection of Rad21 in HeLa, CHO-K1, Ramos using Rad21 Rabbit mAb(1:1000 diluted)

ADDITIONAL INFORMATION

Related Product Information for anti-Rad21 antibody	RAD21, also named as Nuclear matrix protein 1, is 631 amino acid protein, which belongs to the rad21 family. The calculated molecular weight of RAD21 is 72 kDa, but the phosphorylated RAD21 is about 120 kDa. 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 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
Product Categories/Family for anti-Rad21 antibody	Antibodies ; Primary Antibodies ; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453994
NCBI GeneID	5885
NCBI Accession #	NP_006256.1
NCBI GenBank Nucleotide #	NM_006265.2
UniProt Accession #	O60216; Q15001; Q99568; A8K0E0
Molecular Weight	71690 MW
NCBI Official Full Name	double-strand-break repair protein rad21 homolog
NCBI Official Synonym Full Names	RAD21 cohesin complex component
NCBI Official Symbol	RAD21
NCBI Official Synonym Symbols	HR21; MCD1; NXP1; SCC1; CDLS4; hHR21; HRAD21
NCBI Protein Information	double-strand-break repair protein rad21 homolog
UniProt Protein Name	Double-strand-break repair protein rad21 homolog
UniProt Gene Name	RAD21
UniProt Synonym Gene Names	; hHR21; NXP-1

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/monoclonal/rad21-antibody-clone-r03-5i0-immunohistochemistry-western-blot-elisa/178820>