
Product Name: Rad21 Rabbit Monoclonal Antibody**Catalog #: AMRe86947**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,FC 1:10-1:100
Molecular Weight	Calculated MW:72 kDa; Observed MW:130 kDa

Antigen Information

Gene Name	Rad21
Alternative Names	HR21; MCD1; NXP1; SCC1; CDLS4; hHR21; HRAD21
Gene ID	5885
SwissProt ID	O60216
Immunogen	A synthetic peptide of human Rad21

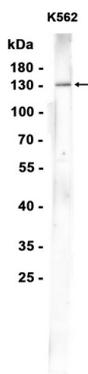
Background

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. [provided by RefSeq, Jul 2008]

Research Area

Image Data



Western blot analysis of extracts from K562 cells using Rad21 Rabbit Monoclonal Antibody at 1:1000.