

Product Name: Rad50 Rabbit Monoclonal Antibody**Catalog #: AMRe03176**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.67mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 154 kDa; Observed MW: 154 kDa

Antigen Information

Gene Name	RAD50
Alternative Names	RAD50; DNA repair protein RAD50; hRAD50
Gene ID	10111
SwissProt ID	Q92878
Immunogen	A synthetic peptide of human Rad50

Background

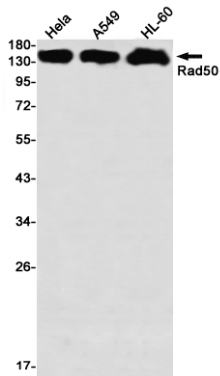
Component of the MRN complex, which plays a central role in double-strand break (DSB) repair, DNA recombination, maintenance of telomere integrity and meiosis. The complex possesses single-strand endonuclease activity and double-strand-

specific 3'-5' exonuclease activity, which are provided by MRE11A.

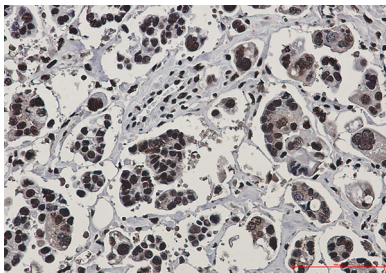
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Rad50 in HeLa, A549, HL-60 lysates using Rad50 antibody.



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using Rad50 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.