

Product Name: Mre11 Rabbit Monoclonal antibody**Catalog #: AMRe02271**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.81mg/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 Purified

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 81 kDa; Observed MW: 81 kDa

Antigen Information

Gene Name	MRE11
Alternative Names	MRE11 homolog 1; Meiotic recombination 11 homolog A; MRE11 homolog A; MRE11A; HNGS1; MRE11
Gene ID	4361
SwissProt ID	P49959
Immunogen	Recombinant protein of human Mre11

Background

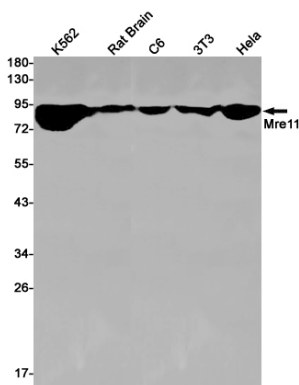
DNA double-strand breaks are generated by ionizing radiation and endogenously produced radicals, and they often are

repaired through the RAD52 homologous recombination pathway. The complex possesses single-strand endonuclease activity and double-strand-specific 3'-5' exonuclease activity, which are provided by MRE11A. RAD50 may be required to bind DNA ends and hold them in close proximity.

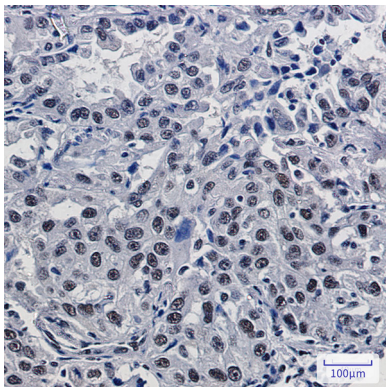
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Mre11 in K562, rat Brain, C6, 3T3, Hela lysates using Mre11 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Mre11 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.