

Anti-Mre11 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R013220

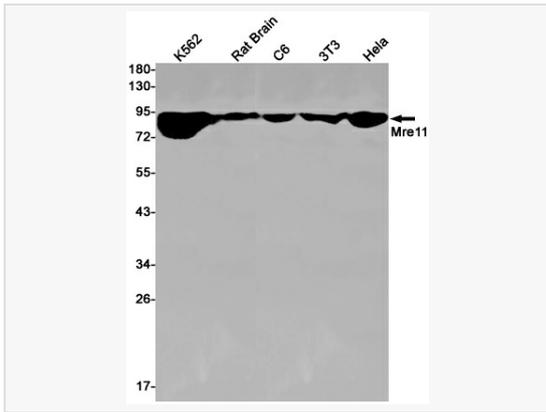
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	52K93M22
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human Mre11
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Mre11 antibody [52K93M22] is for research use only and not for use in diagnostic or therapeutic procedures.

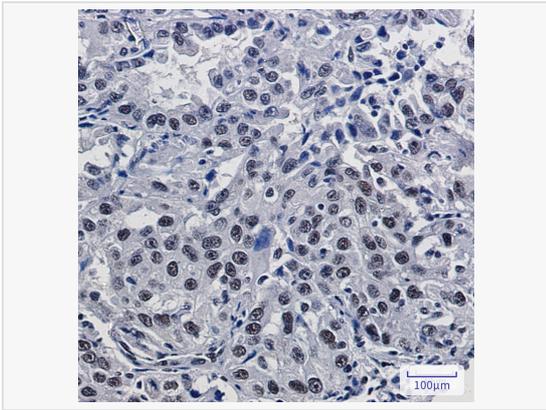
Protein Information

Synonyms	MRE11 homolog 1, Meiotic recombination 11 homolog A, MRE11 homolog A, MRE11A, HNGS1, MRE11.
Calculated MW	Calculated MW: 81 kDa; Observed MW: 81 kDa
Uniprot ID	P49959
Gene ID	4361
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.

Validation Images



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.