

## Anti-Mre11 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P011983

### Product Information

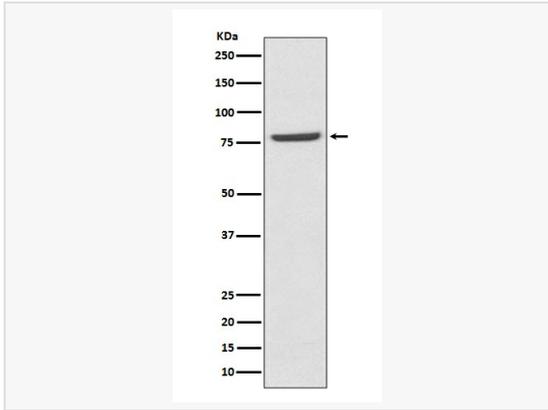
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Mre11
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
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 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

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Western blot analysis of Mre11 in K562 lysates using Mre11 antibody.