Mre11 Rabbit pAb

db163 **Package : 20μL 50μL 100μL**

Product Name : Mre11 Rabbit pAb
Cat.No.: db163
Synonyms : ATLD; HNGS1; MRE11A; MRE11B
Application : WB, IHC
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	This gene encodes a nuclear protein involved in homologous recombination, telomere length maintenance, and DNA double-strand break repair. By itself, the protein has 3' to 5' exonuclease activity and endonuclease activity. The protein forms a complex with the RAD50 homolog; this complex is required for nonhomologous joining of DNA ends and possesses increased single-stranded DNA endonuclease and 3' to 5' exonuclease activities. In conjunction with a DNA ligase, this protein promotes the joining of noncomplementary ends in vitro using short homologies near the ends of the DNA fragments. This gene has a pseudogene on chromosome 3. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human Mre11
Gene ID	4361
Swiss Prot	P49959
Synonyms	ATLD; HNGS1; MRE11A; MRE11B
Reactivity	Human, Mouse, Rat
Application	WB, IHC
Recommended dilution	WB: 1:1000-1:5000 IHC: 1:20-1:50
Calculated MW	81 kDa
Observed MW	81 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.