Recombinant DGRmAb®

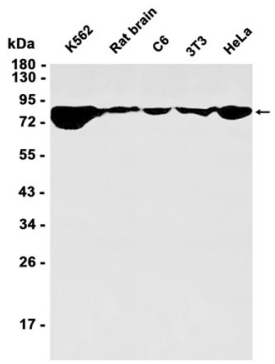
Mre11 (DGR19407) Rabbit mAb

db13499 **Package : 10μL 20μL 50μL 100μL**

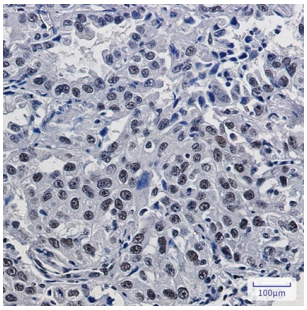
Product Name : Mre11 (DGR19407) Rabbit mAb
Cat.No.: db13499
Synonyms : ATLD; HNGS1; MRE11A; MRE11B
Application : WB, IHC-P, FC
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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	Recombinant protein of human Mre11
Gene ID	4361
Swiss Prot	P49959
Synonyms	ATLD; HNGS1; MRE11A; MRE11B
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, FC
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:2000 FC: 1:200-1:500
Calculated MW	81 kDa
Observed MW	81 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR19407
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.



Western blot analysis of extracts from K562, C6, 3T3, HeLa cells, and Rat brain tissue using db13499 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db13499 antibody.