Recombinant DGRmAb®

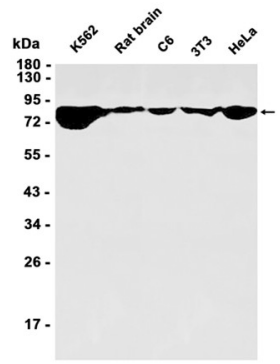
Mre11 (DGR19407) Rabbit mAb (PBS Only)

db13499-PBS **Package : 10μg 100μg**

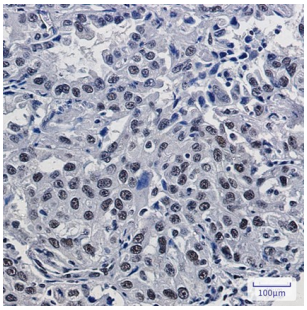
Product Name : Mre11 (DGR19407) Rabbit mAb (PBS Only)
Cat.No.: db13499-PBS
Synonyms : ATLD; HNGS1; MRE11A; MRE11B
Application : WB, IHC-P, FC
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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
Calculated MW	81 kDa
Observed MW	81 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR19407
Isotype	IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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.