

bs-3503R**[Primary Antibody]****Mre11 Rabbit pAb****Bioss**
ANTIBODIES

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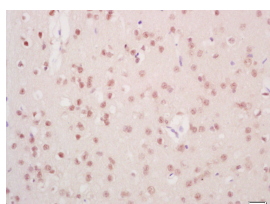
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 4361 Target: Mre11 Immunogen: KLH conjugated synthetic peptide derived from human Mre11/HNGS1: 451-550/708. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. 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]	Isotype: IgG SWISS: P49959 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Rat (predicted: Human, Mouse, Rabbit, Cow, Dog, Horse) Predicted MW.: 80 kDa Subcellular Location: Nucleus
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— VALIDATION IMAGES —

Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Mre11/HNGS1 Polyclonal Antibody, Unconjugated(bs-3503R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=4.2]** Yuan, Qing, et al. "Docetaxel-loaded solid lipid nanoparticles suppress breast cancer cells growth with reduced myelosuppression toxicity." International Journal of Nanomedicine 9 (2014): 4829. WB ;="Mouse". 25378924
- **[IF=4.36]** Zhuohong Li. et al. Anti-inflammatory and anti-apoptotic effects of Shaoyao decoction on X-ray radiation-induced enteritis of C57BL/6 mice. J Ethnopharmacol. 2022 Mar;;115158 WB ;Mouse. 35245630

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