

Rabbit Mre11 Monoclonal Antibody | anti-Mre11 antibody

Mre11 Antibody

CATALOG # AAA312482	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Mre11; Monoclonal Antibody; Mre11 Antibody; AT like disease antibody; Ataxia telangiectasia disorder like antibody; ATLD antibody; DNA recombination and repair protein antibody; Double strand break repair protein MRE11A antibody; Double-strand break repair protein MRE11A antibody; endo/exonuclease Mre11 antibody; HNGS1 antibody; meiotic recombination (S. cerevisiae) 11 homolog A antibody; Meiotic recombination 11 homolog 1 antibody; meiotic recombination 11 homolog A (S. cerevisiae) antibody; Meiotic recombination 11 homolog A antibody; MmMRE11A antibody; Mre 11 antibody; MRE 11a antibody; MRE 11b antibody; MRE11 homolog 1 antibody; MRE11 homolog A antibody; MRE11 meiotic recombination 11 homolog A (S. cerevisiae) antibody; MRE11 meiotic recombination 11 homolog A antibody; MRE11_HUMAN antibody; MRE11A antibody; MRE11b antibody; OTTHUMP00000236830 antibody; OTTHUMP00000236831 antibody; OTTHUMP00000236832 antibody; OTTHUMP00000236833 antibody; anti-Mre11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JM11-18
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-Mre11 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



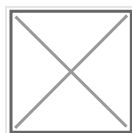
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue using anti-Mre11 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-Mre11 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Mre11 on different cells lysates using anti-Mre11 antibody at 1/500 dilution. Positive control: Line 1: 293T; Line 2: HeLa

ADDITIONAL INFORMATION

Related Product Information for anti-Mre11 antibody	Component of the MRN complex, which plays a central role in double-strand break (DSB) repair, DNA recombination, maintenance of telomere integrity and meiosis. The complex possesses single-strand endonuclease activity and double-strand-specific 3'-5' exonuclease activity, which are provided by MRE11. RAD50 may be required to bind DNA ends and hold them in close proximity. This could facilitate searches for short or long regions of sequence homology in the recombining DNA templates, and may also stimulate the activity of DNA ligases and/or restrict the nuclease activity of MRE11 to prevent nucleolytic degradation past a given point. The complex may also be required for DNA damage signaling via activation of the ATM kinase. In telomeres the MRN complex may modulate t-loop formation.
Product Categories/Family for anti-Mre11 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	24234690
NCBI GeneID	4361
NCBI Accession #	NP_005581.2
NCBI GenBank Nucleotide #	NM_005590.3
UniProt Accession #	P49959; O43475
Molecular Weight	80,593 Da
NCBI Official Full Name	double-strand break repair protein MRE11A isoform 2
NCBI Official Synonym Full Names	MRE11 meiotic recombination 11 homolog A (S. cerevisiae)
NCBI Official Symbol	MRE11A
NCBI Official Synonym Symbols	ATLD; HNGS1; MRE11; MRE11B
NCBI Protein Information	double-strand break repair protein MRE11A; AT-like disease; MRE11 homolog 1; MRE11 homolog A; endo/exonuclease Mre11; meiotic recombination 11 homolog 1; meiotic recombination 11 homolog A; DNA recombination and repair protein
UniProt Protein Name	Double-strand break repair protein MRE11A
UniProt Gene Name	MRE11A
UniProt Synonym Gene Names	HNGS1; MRE11; MRE11 homolog 1
UniProt Entry Name	MRE11_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mre11-antibody-clone-jm11-18-immunohistochemistry-western-blot-elisa/312482>