Mre11 antibody

Cat. No. GTX12159

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ELISA, ChIP assay
Reactivity	Saccharomyces cerevisiae

References (1)
Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:2000
ELISA	1:10000-1:50000
ChIP assay	Assay dependent

Not tested in other applications.

Calculated MW 81 kDa. (Note)

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1.17 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to an internal region near amino acids 575-600 of Saccharomyces cerevisiae (baker's yeast) Mre11 protein.
Purification	Purified by antigen-affinity chromatography. From serum
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

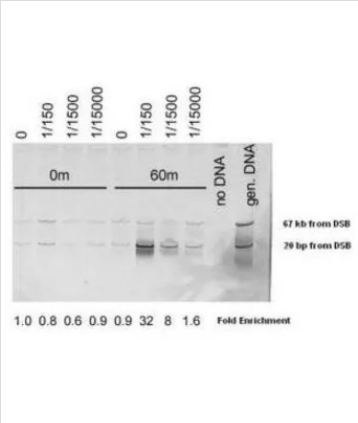
GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX12159 ChIP assay Image

Chromatin Immunoprecipitation (ChIP) using GeneTex Affinity Purified Mre11 (S. cerevisiae) antibody (GTX12159). A yeast strain containing the HO endonuclease gene controlled by a galactose-inducible promoter (uninduced 0 m lanes) was shifted into galactose containing medium (induced 60 m lanes). After 1 hour of induction cells were cross-linked with formaldehyde followed by preparation of sheared chromatin. Chromatin was immunoprecipitated with the antibody at the stated dilutions. Immunocomplexes were captured using polyacrylamide bead linked secondary antibodies. The resultant immunoprecipitate was probed by multiplex PCR, using primers 20 bp from the MAT locus double strand break (lower arrow) and 67 kb from the break (upper band, control locus). PCR products were displayed on a polyacrylamide gel, stained with SyBR GreenR (Invitrogen), and detected using a Fuji scanning fluorometer.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com