

## Anti-Phospho-MRE11-Ser264 antibody (200-280) (STJ90554)

STJ90554

### GENERAL INFORMATION

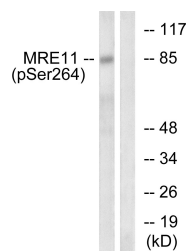
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-Double-Strand Break Repair Protein Mre11-Ser264 (200-280) is suitable for use in Western Blot and ELISA research applications.
<b>Applications</b>	WB, ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

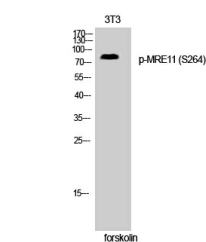
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
<b>Dilution</b>	WB 1:500-1:2000
<b>Range</b>	ELISA 1:5000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	4361
<b>Gene Symbol</b>	MRE11
<b>Uniprot ID</b>	MRE11_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MRE11 around the phosphorylation site of Ser264 at amino acid range 230-279
<b>Immunogen Region</b>	200-280
<b>Specificity</b>	Phospho-MRE11-Ser264 polyclonal antibody (Double-Strand Break Repair Protein Mre11) binds to endogenous Double-Strand Break Repair Protein Mre11 at the amino acid region 200-280 only when phosphorylated at Ser264.
<b>Immunogen Sequence</b>	



Western blot analysis of lysates from NIH/3T3 cells treated with forskolin 40nM 30', using MRE11 (Phospho-Ser264) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of 3T3 cells using Phospho-MRE11 (S264) Polyclonal Antibody cells nucleus extracted by Minute™ Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventibiotec, MN, USA).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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