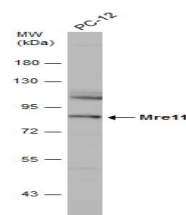


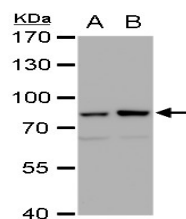
## Product Datasheet

### Mre11 antibody [12D7] GRP88

<b>Description</b>	Mre11 is an 80 kDa protein that acts as a Mn+2 dependent double stranded DNA 3' to 5' exonuclease and a single stranded DNA endonuclease. It is part of a larger complex with Rad50, p95 (Nibrin) and possibly other associated proteins involved in the nucleolytic end-processing of double strand breaks and telomere maintenance.
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	ELISA, FA, ICC, IF, IHC-P, IP, WB
<b>Immunogen</b>	Amino acids 182-582 of Mre11 expressed in E. coli.
<b>Form/Appearance</b>	Liquid: PBS
<b>Concentration</b>	0.58 mg/ml
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Note</b>	For research use only.
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Purity</b>	Protein G purified
<b>Clone ID</b>	12D7
<b>Uniprot ID</b>	<b>P49959</b>
<b>Entrez</b>	<b>4361</b>
<b>Dilution Range</b>	WB: 1:500-1:3000, ICC: 1:100-1:1000



Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Mre11 antibody [12D7] (GRP540) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody, and the signal was developed.



Mre11 antibody [12D7] detects Mre11 protein by western blot analysis. A. 30 µg 293T whole cell extract B. 30 µg whole cell extract of human Mre11-transfected 293T cells. 7.5% SDS-PAGE. Mre11 antibody [12D7] (GRP540) dilution: 1:1000. The HRP-conjugated ant