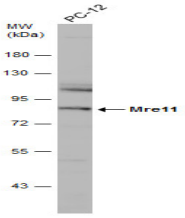
German Research Products - GRP GmbH
In der Stockwiese 26
D-85410 Haag/Amper, Germany
Email: info@grp-ak.de
Phone: +49 (0)8167 6335

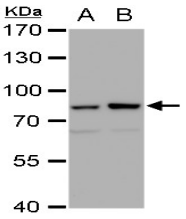
Product Datasheet

Mre11 antibody [12D7]
GRP88

Description	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.
Species/Host	Mouse
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	ELISA, FA, ICC, IF, IHC-P, IP, WB
Immunogen	Amino acids 182-582 of Mre11 expressed in E. coli.
Form/Appearance	Liquid: PBS
Concentration	0.58 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to openin 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.
Note	For research use only.
Isotype	IgG1
Clonality	Monoclonal
Purity	Protein G purified
Clone ID	12D7
Uniprot ID	**P49959**
Entrez	**4361**
Dilution Range	WB: 1:500-1:3000,ICC: 1:100-1:1000



Whole cell extract (30 ?g) 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 develo



Mre11 antibody [12D7] detects Mre11 protein by western blot analysis.A. 30 ?g 293T whole cell extract B. 30 ?g whole cell extract of human Mre11-transfected 293T cells7.5% SDS-PAGEMre11 antibody [12D7] (GRP540) dilution: 1:1000The HRP-conjugated ant