

Product datasheet for **TA347073S**

Ku70 (XRCC6) Mouse Monoclonal Antibody [Clone ID: 7B1-E12-G4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	7B1-E12-G4
Applications:	IF, IP, WB
Recommended Dilution:	WB: 1:1000, IF: 1:200
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for XRCC6 antibody: purified recombinant human Ku70 protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	67 kDa
Gene Name:	X-ray repair complementing defective repair in Chinese hamster cells 6
Database Link:	NP_001460 Entrez Gene 2547 Human P12956
Background:	The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent ATP-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends such as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus. [provided by RefSeq, Jul 2008]



[View online »](#)

Synonyms: CTC75; CTCBF; G22P1; KU70; ML8; TLAA

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Non-homologous end-joining