

Cat. No:	AB-82007
Size:	100µg
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 500-600 of human KU70.
Reactivity:	Hu,Ms,Rt
Applications:	Western Blot: 1:500 -1:2000 Immunohistochemistry: 1:50 -1:200 Immunofluorescence: 1:50 - 1:200
Molecular Weight:	70kDa
Purification:	Aff. Pur.
Synonyms:	XRCC6; CTC75; CTCBF; G22P1; KU70; ML8; TLAA; X-ray repair cross complementing 6
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.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles

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