

Product datasheet for **TA347074**

Ku70 (XRCC6) Mouse Monoclonal Antibody [Clone ID: 6H10-E9-G7]

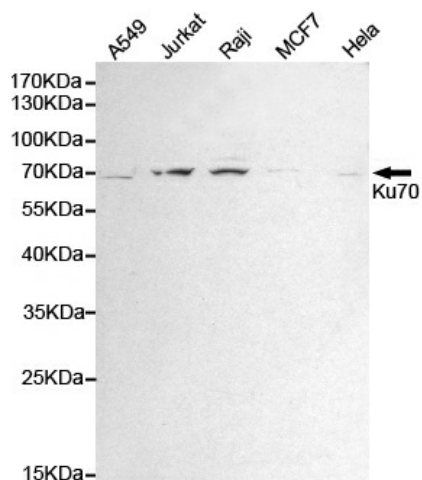
Product data:

Product Type:	Primary Antibodies
Clone Name:	6H10-E9-G7
Applications:	IF, WB
Recommend Dilution:	WB: 1:1000, IF: 1:200
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
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
Predicted Protein Size:	70 kDa
Gene Name:	X-ray repair complementing defective repair in Chinese hamster cells 6
Database Link:	NP_001460 Entrez Gene 2547 Human
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]
Synonyms:	CTC75; CTCBF; G22P1; KU70; ML8; TLAA
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Non-homologous end-joining

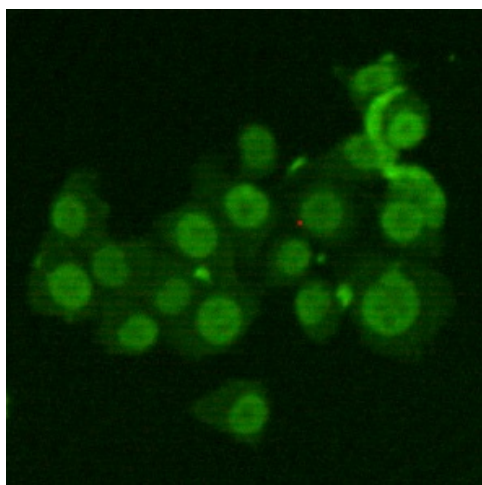


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Product images:



Western blot detection of Ku70 in HeLa, A549, MCF7, Jurkat and Raji cell lysates using Ku70 mouse mAb (1:1000 diluted). Predicted band size: 70KDa. Observed band size: 70KDa.



Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using Ku70 mouse mAb (dilution 1:200).