

Product datasheet for **TA347074S**

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

Product data:

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|--------------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | 6H10-E9-G7 |
| Applications: | IF, WB |
| Recommended 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 |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| 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 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] |



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

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Non-homologous end-joining