

## Ku70 Recombinant antibody

**Cat:** B35093D

**Company:** HaoKebio

**Uniprot ID:** P12956

**Applications:** IHC:1:100-1:200

**Organism:** Rabbit

IHC-Polymer:1:400-1:800

**Species reactivity:** Human

IHC-TSA:1:500-1:1000

**Molecular Weight Calculation:** 70 kDa

WB:1:1000-1:5000

**Observed Molecular Weight:** 70 kDa

### 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.

### Synonyms:

ML8; KU70; TLAA; CTC75; CTCBF; G22P1

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Nucleus

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

### Storage:

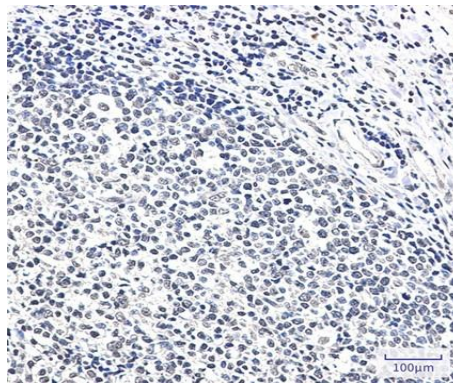
Store at -20 °C for one year.

### Experimental procedure:

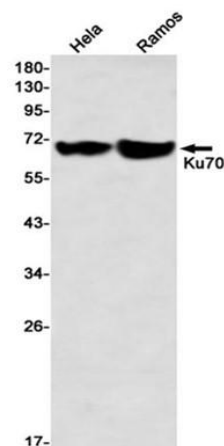
Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium

high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: human tonsil, 4% PFA 12-24h



Dilution of 1:5000 incubated at room temperature for 1.5 hours.

### Source of Reagents:

发表[中文论文]请标注:Ku70(B35093D)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Ku70(B35093D) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

