

Ku70 (7B1) Mouse mAb

db6220

Package : 50µL 100µL

Product Name : Ku70 (7B1) Mouse mAb**Cat.No.:** db6220**Synonyms** : ML8; KU70; TLAA; CTC75; CTCBF; G22P1**Application** : WB, ICC/IF, IP, ChIP**Reactivity** : Human, Monkey**Host species** : Mouse**Background**

It works in the 3'-5' direction. Binding to DNA may be mediated by XRCC6. Involved in DNA non-homologous end joining (NHEJ) required for double-strand break repair and V(D)J recombination. The XRCC5/6 dimer acts as regulatory subunit of the DNA-dependent protein kinase complex DNA-PK by increasing the affinity of the catalytic subunit PRKDC to DNA by 100-fold. The XRCC5/6 dimer is probably involved in stabilizing broken DNA ends and bringing them together.

Immunogen

Purified recombinant human Ku70 protein fragments expressed in E.coli

Gene ID

2547

Swiss Prot

P12956

Synonyms

ML8; KU70; TLAA; CTC75; CTCBF; G22P1

Reactivity

Human, Monkey

Application

WB, ICC/IF, IP, ChIP

Recommended dilution

WB: 1:500-1:1000

ICC/IF: 1:50-1:200

IP: 1:20

ChIP: 1:20

Calculated MW

70 kDa

Observed MW

67 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

7B1-E12-G4

Isotype

IgG1

Purity

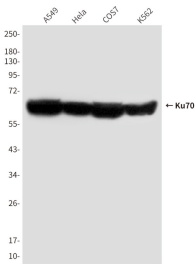
Affinity Purification

Conjugation

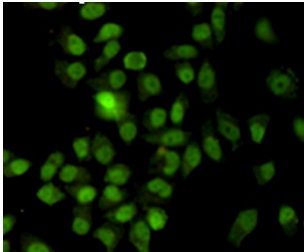
Un-conjugated

Storage Stability

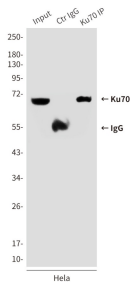
Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .
Stable for 12 months from date of receipt.



Western blot analysis of Ku70 in HeLa, A549, COS7 and K562 lysates using Ku70 antibody.



Immunocytochemistry analysis of Ku70 (7B1) in HeLa using Ku70 antibody.



Immunoprecipitation analysis of Ku70 (7B1) in HeLa lysates using Ku7 antibody.