

Ku70 (6H10) Mouse mAb

db6221

Package : 50µL 100µL

Product Name : Ku70 (6H10) Mouse mAb**Cat.No.:** db6221**Synonyms** : ML8;KU70;TLAA;CTC75;CTCBF;G22P1**Application** : WB, ICC/IF**Reactivity** : Human**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

Application

WB, ICC/IF

Recommended dilution

WB: 1:500-1:1000

ICC/IF: 1:50-1:200

Calculated MW

70 kDa

Observed MW

70 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

6H10-E9-G7

Isotype

IgG2b

Purity

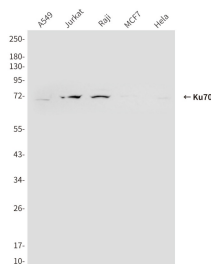
Affinity Purification

Conjugation

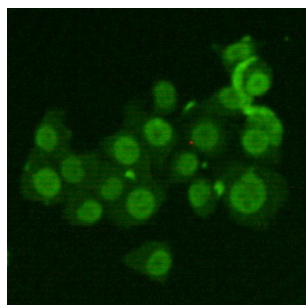
Un-conjugated

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, MCF-7, Jurkat and Raji lysates using Ku70 antibody.



Immunocytochemistry analysis of Ku70 (6H10) in HeLa using Ku70 antibody.