

KU70 (7B1) MOUSE MAB

货号: N261121

产品全名: Ku70 (7B1) 小鼠单抗

基因符号 XRCC6; G22P1; X-ray repair cross-complementing protein 6; 5'-deoxyribose-5-phosphate lyase Ku70; 5'-dRP lyase Ku70; 70 kDa subunit of Ku antigen; ATP-dependent DNA helicase 2 subunit 1; ATP-dependent DNA helicase II 70 kDa subunit; CTC box-

UNIPROT ID: P12956

背景: 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.

抗原: Purified recombinant human Ku70 protein fragments expressed in E.coli.

经过测试的应用: WB, ICC/IF, IP, ChIP

推荐稀释比: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20 ChIP: 1/20

种属反应性: Mouse

克隆性: Mouse Monoclonal

克隆编号: 7B1-E12-G4

分子量: Calculated MW: 70 kDa; Observed MW: 67 kDa

亚型: IgG1

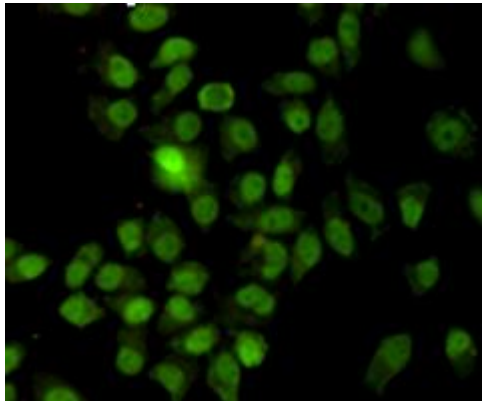
纯化: Affinity Purified

种属反应性: Human, Monkey

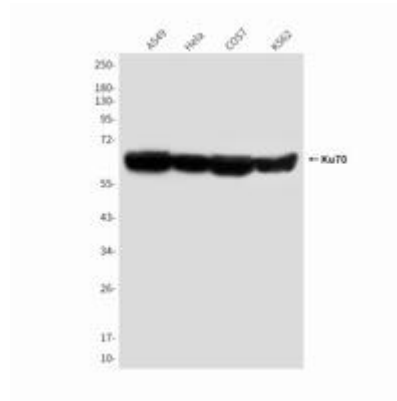
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

研究领域: Epigenetics and Nuclear Signaling

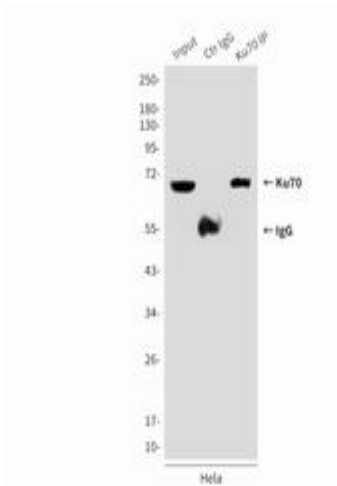
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



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



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



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