

DNA PKCS (8D3) MOUSE MAB

货号: N261420

产品全名: DNA PKcs (8D3) 小鼠单抗

基因符号 PRKDC; HYRC; HYRC1; DNA-dependent protein kinase catalytic subunit; DNA-PK catalytic subunit; DNA-PKcs; DNPk1; p460

UNIPROT ID: P78527

背景: The PRKDC gene encodes the catalytic subunit of a nuclear DNA-dependent serine/threonine protein kinase (DNA-PK). The second component is the autoimmune antigen Ku (MIM 152690), which is encoded by the G22P1 gene on chromosome 22q. On its own, the catalytic subunit of DNA-PK is inactive and relies on the G22P1 component to direct it to the DNA and trigger its kinase activity; PRKDC must be bound to DNA to express its catalytic properties.

抗原: Purified recombinant human DNA-PKcs protein fragments expressed in E.coli

经过测试的应用: WB, ICC/IF, IP

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

种属反应性: Mouse

克隆性: Mouse Monoclonal

克隆编号: 8D3-B12-F11

分子量: Calculated MW: 469 kDa; Observed MW: 450 kDa

亚型: IgG2b

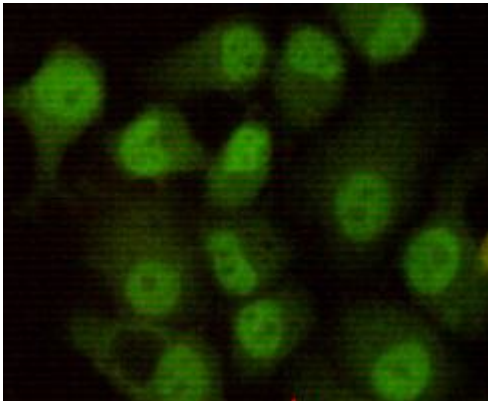
纯化: Affinity Purified

种属反应性: Human

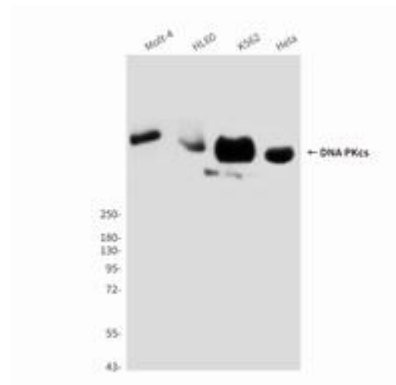
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

研究领域: Epigenetics and Nuclear Signaling

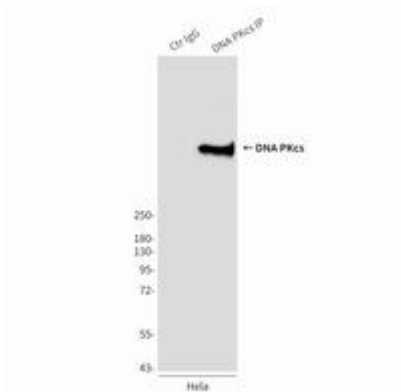
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



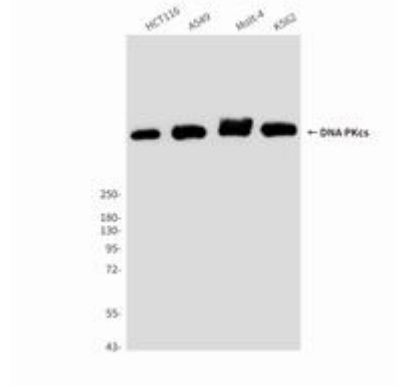
Immunocytochemistry analysis of DNA PKcs (8D3) in HeLa using DNAPKcs antibody.



Western blot analysis of DNAPKcs in HeLa, K562, HL-60 and MOLT4 lysates using DNAPKcs antibody.



Immunoprecipitation analysis of DNA PKcs (8D3) in HeLa lysates using DNAPKcs antibody.



Western blot analysis of DNA PKcs (8D3) in K562, Molt4, A549 and HCT116 lysates using DNA PKcs (8D3) antibody