

## XRCC4 (7C10) MOUSE MAB

货号: N261232

产品全名: XRCC4 (7C10) 小鼠单抗

基因符号 X ray repair cross complementing protein 4; DNA repair protein XRCC4; DNA double strand break repair

**UNIPROT ID:** Q13426

**背景:** Involved in DNA non-homologous end joining (NHEJ) required for double-strand break repair and V(D)J recombination. Binds to DNA and to DNA ligase IV (LIG4). The LIG4-XRCC4 complex is responsible for the NHEJ ligation step, and XRCC4 enhances the joining activity of LIG4. Binding of the LIG4-XRCC4 complex to DNA ends is dependent on the assembly of the DNA-dependent protein kinase complex DNA-PK to these DNA ends.

**抗原:** Synthetic Peptide of XRCC4

**经过测试的应用:** WB,IHC-F,IHC-P,ICC/IF,IP

**推荐稀释比:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

**种属反应性:** Mouse

**克隆性:** Mouse Monoclonal

**克隆编号:** 7C10-5H8-4F8

**分子量:** Calculated MW: 38 kDa; Observed MW: 38-45 kDa

**亚型:** IgG1

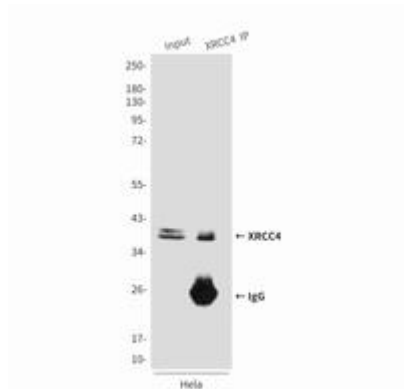
**纯化:** Affinity Purified

**种属反应性:** Human, Mouse and Rat

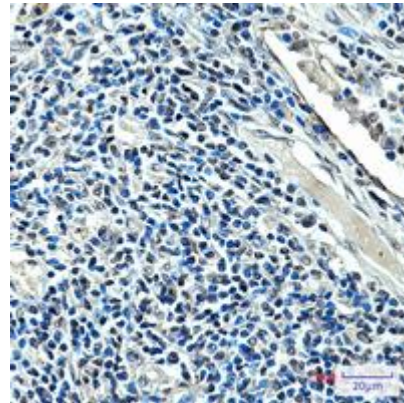
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**研究领域:** Epigenetics and Nuclear Signaling

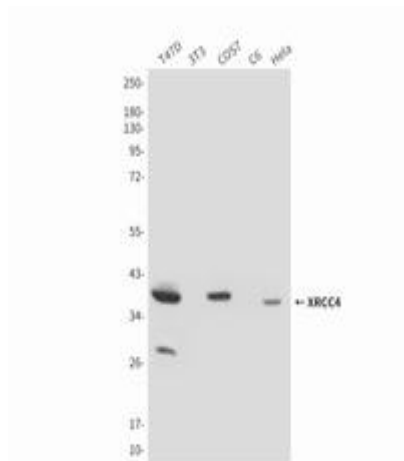
**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



Immunoprecipitation analysis of XRCC4 in HeLa lysates using XRCC4 antibody.



Immunohistochemistry analysis of paraffin-embedded XRCC4 in Human lung cancer using XRCC4 (7C10) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of XRCC4 (7C10) in XRCC4 in T47D, 3T3, COS7, C6 and HeLa lysates using XRCC4 (7C10) antibody