

## Anti-XRCC4 antibody [5C10] (STJ96988)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC/IF/IP
Host / Source	Mouse
Reactivity	Human

### PRODUCT PROPERTIES

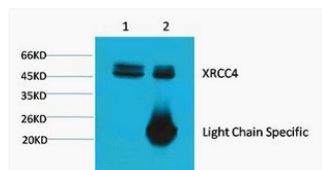
Clonality	Monoclonal
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range	WB 1:2000 IP 1:200 IF 1:200 IHC 1:50-300
Formulation	Liquid in PBS pH7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.
Isotype	IgG1
Molecular Weight	Observed: 38kD
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

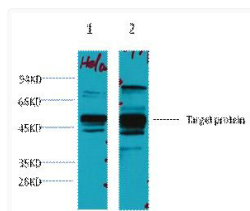
Gene ID	<a href="#">7518</a>
Gene Symbol	<a href="#">XRCC4</a>
UniProt ID	<a href="#">XRCC4_HUMAN</a>
Specificity	The antibody detects endogenous XRCC4 proteins.

### ADDITIONAL INFORMATION

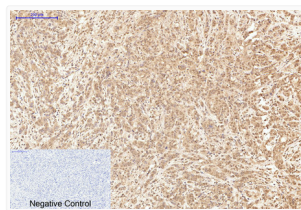
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



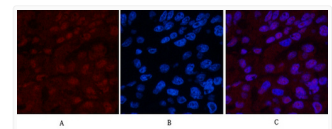
1) Input: HeLa Cell Lysate , 2) IP product: IP dilute 1:200



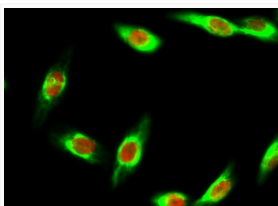
Western blot analysis of 1) HeLa, 2) 293T, diluted at 1:3000.



Immunohistochemical analysis of paraffin-embedded Human-breast-cancer tissue. 1, XRCC4 monoclonal antibody (5C10) was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



Immunofluorescence analysis of Human-liver-cancer tissue. 1, XRCC4 monoclonal antibody (5C10) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture C: merge of A+B



Immunofluorescence analysis of HeLa cell. 1, Bak Polyclonal Antibody (green) was diluted at 1:200 (4°C overnight). (red) was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit Alexa Fluor 488 Catalog: (NA was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 594 Catalog: (NA was diluted at 1:1000 (room temperature, 50min).