



XRCC4 Monoclonal Antibody

Cat #: ABM0036

Size: 100µl

Product Information

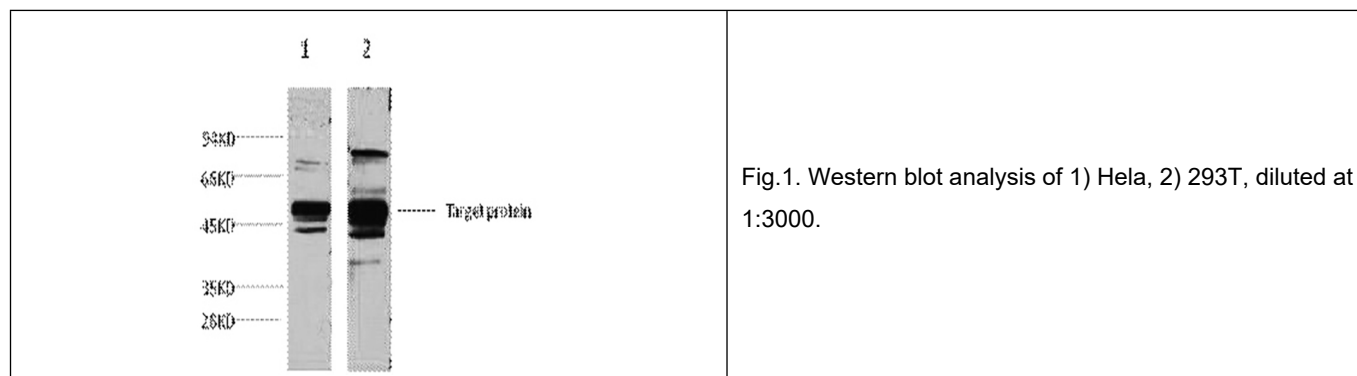
	Product Name: XRCC4 Monoclonal Antibody		
	Applications: WB, IF, IHC-P, IP		Isotype: Mouse IgG1
	Reactivity: Human		
REF	Catalog Number: ABM0036	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: X-ray repair cross complementing 4 encoded by XRCC4 functions together with DNA ligase IV and the DNA-dependent protein kinase in the repair of DNA double-strand breaks. X-ray repair cross complementing 4 plays a role in both non-homologous end joining and the completion of V (D)J recombination. Mutations in XRCC4 can cause short stature, microcephaly, and endocrine dysfunction (SSMED). Alternative splicing generates several transcript variants.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:2000), IF (1:100-1:200), IHC-P (1:50-1:300), IP (1:200).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



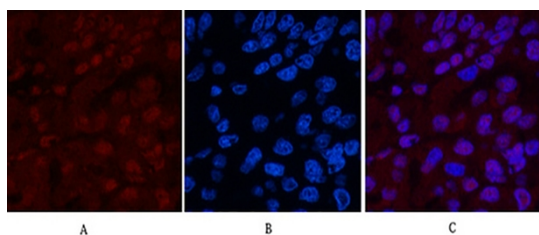


Fig.2. Immunofluorescence analysis of human liver cancer tissue. 1, XRCC4 Monoclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 Labeled secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B.

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