

XRCC4 Mouse Monoclonal Antibody(5C10)

Catalog No: RA10364

Basic Information

Host species	Mouse
Applications	WB, IP, IHC
Species Cross-Reactivity	H
Specificity	XRCC4 Mouse Monoclonal antibody detects endogenous XRCC4 proteins.
Recommended dilutions	WB: 1:2,000 IP:1:200 IHC: 1:200-500 Optimal dilutions should be determined by the end user.

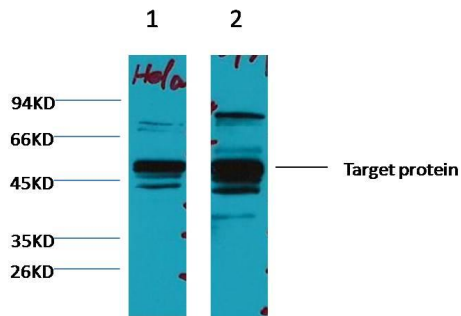
Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

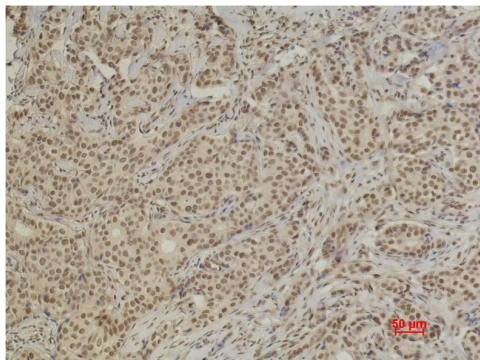
Background

Alternative Names	
Observed band	38
Human Gene ID	7518
Human Swiss-Prot Number	Q13426
Background	The protein encoded by this gene functions together with DNA ligase IV and the DNA-dependent protein kinase in the repair of DNA double-strand break by non-homologous end joining and the completion of V(D)J recombination events.

Selected Validation Data



Western blot analysis of 1) HeLa, 2) 293T, with XRCC4 Mouse mAb diluted at 1:3,000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using XRCC4 Mouse mAb diluted at 1:500.