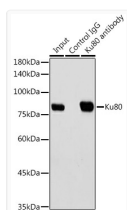
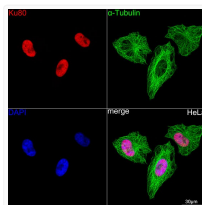


Anti-XRCC5 antibody (633-732) [S9MR] (STJ11101409)

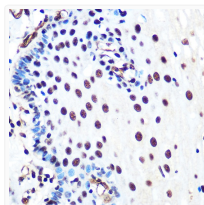
GENERAL INFORMATION		
	Product Type	Primary antibodies
	Applications	WB/IHC-P/IF/ICC/IP/ELISA
	Host / Source	Rabbit
	Reactivity	Human/Mouse
PRODUCT PROPERTIES		
	Clonality	Monoclonal
	Concentration	Lot specific
	Conjugation	Unconjugated
	Purification	Affinity purification
	Dilution Range	WB:1:1000-1:6000 IHC-P:1:200-1:2000 IF/ICC:1:100-1:1000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your s
	Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
	Isotype	IgG
	Molecular Weight	Protein Mw: 83kDa Observed Mw: 86kDa
	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	7520
	Gene Symbol	XRCC5
	UniProt ID	XRCC5_HUMAN
	Immunogen Region	633-732
	Immunogen Sequence	MKSIDCIRAFREEAIKFSEE QRFNNFLKALQEKVEIKQLN HFWEIVVQDGITLITKEEAS GSSVTAEAAKKFLAPKDKPS GDTAAVFEEGGDVDDLDMI
	Specificity	A synthetic peptide corresponding to a sequence within amino acids 633-732 of human Ku80 (P13010).
ADDITIONAL INFORMATION		
	Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



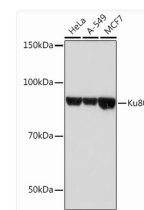
Immunoprecipitation analysis of 300 Mu g extracts of HeLa cells using 3 Mu g Ku80 antibody (STJ11101409). Western blot was performed from the immunoprecipitate using Ku80 antibody (STJ11101409) at a dilution of 1:1000.



Confocal imaging of HeLa cells using Ku80 Rabbit monoclonal antibody (STJ11101409, dilution 1:100) (Red). The cells were counterstained with Alpha-Tubulin Mouse monoclonal antibody (dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 60x.



Immunohistochemistry analysis of Ku80 in paraffin-embedded human esophageal using Ku80 Rabbit monoclonal antibody (STJ11101409) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates, using Ku80 Rabbit monoclonal antibody (STJ11101409) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.