

## Anti-XRCC6 antibody [7B1-E12-G4] (STJ99222)

STJ99222

### GENERAL INFORMATION

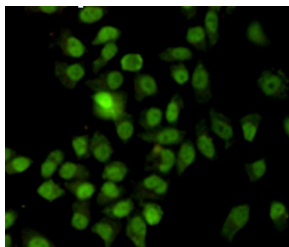
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-X-Ray Repair Cross-Complementing Protein 6 is suitable for use in Western Blot, Immunocytochemistry and Immunoprecipitation research applications.
<b>Applications</b>	WB, ICC, IP
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human, Monkey

### PRODUCT PROPERTIES

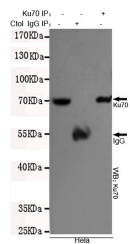
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	7B1-E12-G4
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	WB 1:1000 ICC 1:200
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG1
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

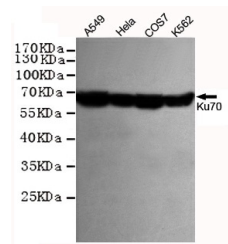
<b>Gene ID</b>	2547
<b>Gene Symbol</b>	XRCC6
<b>Uniprot ID</b>	XRCC6_HUMAN
<b>Immunogen</b>	Purified recombinant human Ku70 protein fragments expressed in E.coli.
<b>Immunogen Region</b>	
<b>Specificity</b>	XRCC6 monoclonal antibody (X-Ray Repair Cross-Complementing Protein 6) binds to endogenous X-Ray Repair Cross-Complementing Protein 6.
<b>Immunogen Sequence</b>	



Immunocytochemistry staining of HeLa cells fixed with 20°C Methanol and using anti-Ku70 antibody (dilution 1:200).



Immunoprecipitation analysis of HeLa cell lysates using Ku70 mouse mAb.



Western blot detection of Ku70 in HeLa, A549, COS7 and K562 cell lysates using Ku70 mouse mAb (1:1000 diluted). Predicted band size:70kDa.Observed band size:67kDa.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081