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**Product Name: XRCC1 (3F6) Mouse Monoclonal Antibody****Catalog #: AMM03527**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 69 kDa; Observed MW: 82 kDa

**Antigen Information**

<b>Gene Name</b>	XRCC1
<b>Alternative Names</b>	XRCC1; DNA repair protein XRCC1; X-ray repair cross-complementing protein 1
<b>Gene ID</b>	7515
<b>SwissProt ID</b>	P18887
<b>Immunogen</b>	A synthetic peptide of human XRCC1

**Background**

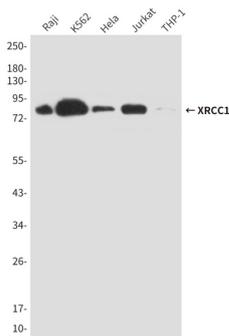
XRCC1 acts as a scaffold protein to coordinate DNA abasic site repair through interaction with several other repair proteins. At least eight XRCC1 protein partners have been identified, including the polynucleotide kinase PNK, DNA ligase III, poly (ADP-

ribose) polymerase, and PCNA.

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of XRCC1 in Raji, K562, HeLa, Jurkat and THP-1 lysates using XRCC1 antibody.