

## Product datasheet for **TA347071S**

### **XRCC1 Mouse Monoclonal Antibody [Clone ID: 3F6-G7-F7]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	3F6-G7-F7
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB: 1:1000
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	The immunogen for XRCC1 antibody: purified recombinant human XRCC1 protein fragments expressed in E.coli.
<b>Formulation:</b>	Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
<b>Purification:</b>	Affinity purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	82 kDa
<b>Gene Name:</b>	X-ray repair complementing defective repair in Chinese hamster cells 1
<b>Database Link:</b>	<a href="#">NP_006288</a> <a href="#">Entrez Gene 7515 Human</a> <a href="#">P18887</a>
<b>Background:</b>	The protein encoded by this gene is involved in the efficient repair of DNA single-strand breaks formed by exposure to ionizing radiation and alkylating agents. This protein interacts with DNA ligase III, polymerase beta and poly (ADP-ribose) polymerase to participate in the base excision repair pathway. It may play a role in DNA processing during meiosis and recombination in germ cells. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity. [provided by RefSeq, Jul 2008]
<b>Synonyms:</b>	RCC



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**Protein Families:** Druggable Genome

**Protein Pathways:** Base excision repair