

Product datasheet for **TA347071M**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	3F6-G7-F7
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for XRCC1 antibody: purified recombinant human XRCC1 protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	82 kDa
Gene Name:	X-ray repair complementing defective repair in Chinese hamster cells 1
Database Link:	NP_006288 Entrez Gene 7515 Human P18887
Background:	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]
Synonyms:	RCC



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Protein Families: Druggable Genome

Protein Pathways: Base excision repair