

Product datasheet for **TA804776**

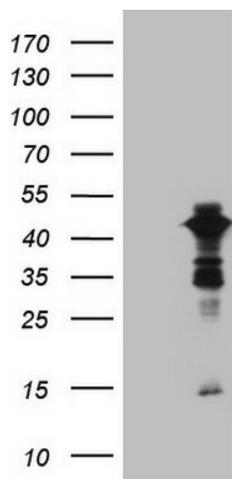
XRCC3 Mouse Monoclonal Antibody [Clone ID: OT11C1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OT11C1
Applications:	WB
Recommend Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-235 of human XRCC3 (NP_005423) produced in E.coli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	37.7 kDa
Gene Name:	X-ray repair complementing defective repair in Chinese hamster cells 3
Database Link:	NP_005423 Entrez Gene 7517 Human
Background:	This gene encodes a member of the RecA/Rad51-related protein family that participates in homologous recombination to maintain chromosome stability and repair DNA damage. This gene functionally complements Chinese hamster irs1SF, a repair-deficient mutant that exhibits hypersensitivity to a number of different DNA-damaging agents and is chromosomally unstable. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]
Synonyms:	CMM6
Protein Families:	Druggable Genome
Protein Pathways:	Homologous recombination



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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY XRCC3 ([RC200326], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-XRCC3 (1:2000). Positive lysates [LY401663] (100ug) and [LC401663] (20ug) can be purchased separately from OriGene.