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ERCC1 Antibody (YA770)

Cat. No.:	HY-P80661
Synonyms:	ERCC1 Antibody (YA770) is a non-conjugated and Mouse origined monoclonal antibody about 33 kDa, targeting to ERCC1 (7F6). It can be used for WB assays with tag free, in the background of Human.
Host:	Mouse
Reactivity:	Human
Conjugation:	Non-conjugated
SwissProt ID:	P07992
Research Field:	Epigenetics and Nuclear Signaling
Molecular Weight:	Predicted band size: 33 kDa

PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.
Purity	affinity purified
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Appearance	Liquid

Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000

Shipping	Shipping with blue ice.

DESCRIPTION

Background	ERCC1 (7F6): The product of this gene functions in the nucleotide excision repair pathway, and is required for the repair of DNA lesions such as those induced by UV light or formed by electrophilic compounds including cisplatin. The encoded protein forms a heterodimer with the XPF endonuclease (also known as ERCC4), and the heterodimeric endonuclease catalyzes the 5' incision in the process of excising the DNA lesion. The heterodimeric endonuclease is also involved in recombinational DNA repair and in the repair of inter-strand crosslinks. Mutations in this gene result in cerebrooculofacioskeletal syndrome, and polymorphisms that alter expression of this gene may play a role in carcinogenesis. Multiple transcript variants encoding different isoforms have been found for this gene. The last exon of this gene overlaps with the CD3e molecule, epsilon associated protein gene on the opposite strand. [provided by RefSeq, Oct 2009]

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898   Fax: 609-228-5909   E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA