

KD-Validated Anti-ERCC1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI2374

Product Information

Application	WB, ICC
Primary Accession	P07992
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB1230
Calculated MW	32562
Gene Name	ERCC1
Aliases	ERCC Excision Repair 1, Endonuclease Non-Catalytic Subunit; RAD10; Excision Repair Cross-Complementing Rodent Repair Deficiency, Complementation Group 1 (Includes Overlapping Antisense Sequence); Excision Repair Cross-Complementation Group 1; DNA Excision Repair Protein ERCC-1; COFS4; UV20
Immunogen	A synthesized peptide derived from human ERCC1

Additional Information

Gene ID	2067
Other Names	DNA excision repair protein ERCC-1, ERCC1

Protein Information

Name	ERCC1
Function	[Isoform 1]: Non-catalytic component of a structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair. Responsible, in conjunction with SLX4, for the first step in the repair of interstrand cross-links (ICL). Participates in the processing of anaphase bridge-generating DNA structures, which consist in incompletely processed DNA lesions arising during S or G2 phase, and can result in cytokinesis failure. Also required for homology-directed repair (HDR) of DNA double-strand breaks, in conjunction with SLX4.
Cellular Location	[Isoform 1]: Nucleus [Isoform 3]: Nucleus

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