



Rabbit Anti-Human ERCC1 monoclonal antibody, clone TQ79 (CABT-L1294)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	ERCC1
Immunogen	Recombinant human ERCC1 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TQ79
Purification	Protein A/G Purified
Conjugate	Unconjugated
Applications	IHC-P
Positive Control	A suggested positive control is lung carcinoma.
Format	Liquid
Buffer	PBS, pH 7.6, with 1% BSA
Preservative	0.1% Sodium Azide
Storage	4°C, do not freeze

BACKGROUND

Introduction

The mammalian ERCC1 (Excision Repair Cross Complementing) polypeptide is required for nucleotide excision repair (NER) of damaged DNA and is homologous to *Saccharomyces cerevisiae* RAD10, which functions in repair and mitotic intrachromosomal recombination. NER mechanism involves dual incisions on both sides of the damage catalyzed by two nucleases. In mammalian cells XPG cleaves 3' of the DNA lesion while the ERCC1-XPF complex makes the 5' incision.

GENE INFORMATION

Entrez Gene ID

[2067](#)

UniProt ID

[P07992](#)
