BT LAB
Bioassay Technology Laboratory

Optimize Your Research

ERCC1 Monoclonal Antibody(1B10)

Description

Product type	Primary Antibody
Code	BT-MCA0034
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of ERCC1
Mol wt	32562
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF
Concentration	1 mg/ml
Full name	DNA excision repair protein ERCC-1
Synonyms	ERCC1; DNA excision repair protein ERCC-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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 ge

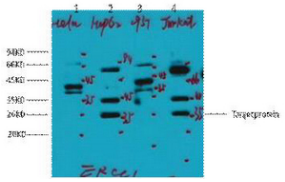
Recommended Dilution

IHC-p: 100-300

WB: 1:1000

Not yet tested in other applications.

Images



Western blot analysis of 1) Hela, 2) HepG2. 3) 293T, 4) Jurkat diluted at 1:2000.

Storage

-20°C for one year

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