

ERCC1 Monoclonal Antibody(1B10)
Catalog # AP63332**Specification**

ERCC1 Monoclonal Antibody(1B10) - Product Information

Application	IHC
Primary Accession	P07992
Reactivity	Human
Host	Mouse
Clonality	Monoclonal

ERCC1 Monoclonal Antibody(1B10) - Additional Information**Gene ID** 2067**Other Names**

ERCC1; DNA excision repair protein ERCC-1

Dilution

IHC~~IHC-p: 100-300.WB: 1:1000

Format

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions

-20°C

ERCC1 Monoclonal Antibody(1B10) - 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

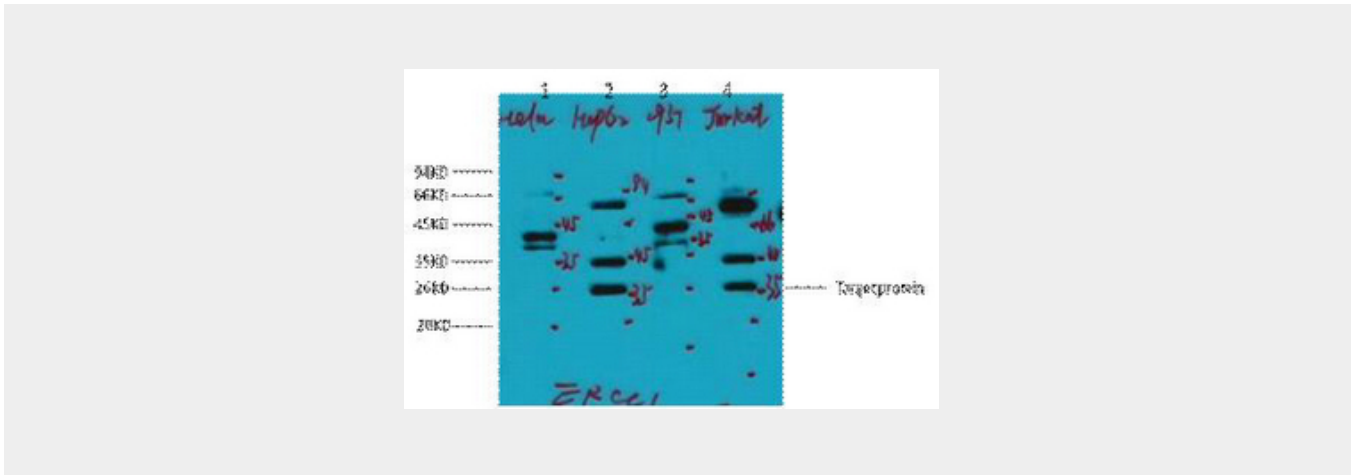
[Isoform 1]: Nucleus [Isoform 3]: Nucleus

ERCC1 Monoclonal Antibody(1B10) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ERCC1 Monoclonal Antibody(1B10) - Images



ERCC1 Monoclonal Antibody(1B10) - Background

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.