

### **Anti-ERCC1 Rabbit Monoclonal Antibody**

**Catalog # ABO13746** 

# **Specification**

## **Anti-ERCC1 Rabbit Monoclonal Antibody - Product Information**

Application WB, IHC, IF, ICC

Primary Accession
Host
Rabbit
Isotype
Reactivity
Clonality
Format
Rabbit IgG
Human, Mouse
Monoclonal
Liquid

**Description** 

Anti-ERCC1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse.

## **Anti-ERCC1 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID 2067** 

**Other Names** 

DNA excision repair protein ERCC-1, ERCC1

Calculated MW 32562 MW KDa

**Application Details** 

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200

**Subcellular Localization** 

Isoform 1: Nucleus.

**Contents** 

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen** 

A synthesized peptide derived from human ERCC1

**Purification** 

Affinity-chromatography

Storage Store at -20°C for one year. For short term

storage and frequent use, store at 4°C for

up to one month. Avoid repeated

freeze-thaw cycles.

## **Anti-ERCC1 Rabbit Monoclonal Antibody - 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**

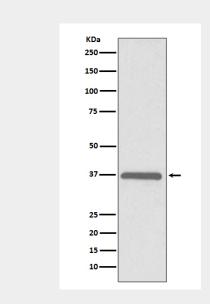
[Isoform 1]: Nucleus [Isoform 3]: Nucleus

### **Anti-ERCC1 Rabbit Monoclonal Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## Anti-ERCC1 Rabbit Monoclonal Antibody - Images



Western blot analysis of ERCC1 expression in HeLa cell lysate.