

**Product Name: ERCC1 (7F6) Mouse Monoclonal Antibody**  
**Catalog #: AMM03528**

---

## Summary

<b>Production Name</b>	ERCC1 (7F6) Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG2b
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	ERCC1
<b>Alternative Names</b>	ERCC1; DNA excision repair protein ERCC-1
<b>Gene ID</b>	2067
<b>SwissProt ID</b>	P07992.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 33 kDa; Observed MW: 39 kDa

## Background

DNA repair systems operate in all living cells to manage a variety of DNA lesions. Nucleotide excision repair (NER) is

**Product Name: ERCC1 (7F6) Mouse Monoclonal Antibody**  
**Catalog #: AMM03528**

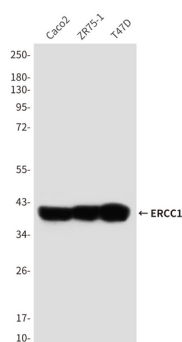


implemented in cases where bulky helix-distorting lesions occur, such as those brought about by UV and certain chemicals. Research studies have shown that expression of ERCC1 is related to survival rate and response to chemotherapeutic drugs in several human cancers including non-small cell lung cancer (NSCLC).

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of ERCC1 in T47D, ZR751, CaCO2 and Molt4 lysates using ERCC1 antibody.

## Note

For research use only.