

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

Summary

Production Name	ERCC1 (7F6) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB
Reactivity	Human

Performance

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

Immunogen

Gene Name	ERCC1
Alternative Names	ERCC1; DNA excision repair protein ERCC-1
Gene ID	2067
SwissProt ID	P07992

Application

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

Background

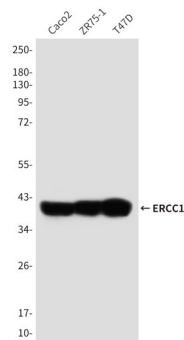
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DNA repair systems operate in all living cells to manage a variety of DNA lesions. Nucleotide excision repair (NER) is implemented in cases where bulky helix-distorting lesions occur, such as those brought about by UV and certain chemicals. Research 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.