

Product Name: ERCC1 Rabbit Monoclonal Antibody
Catalog #: AMRe01957



Summary

Production Name	ERCC1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
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	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
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 IF: 1/50-1/200
Molecular Weight	Calculated MW: 33 kDa; Observed MW: 39 kDa

Background

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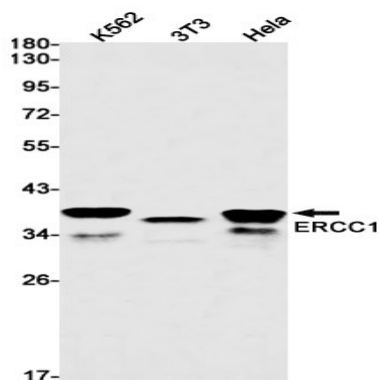


DNA repair systems operate in all living cells to manage a variety of DNA lesions. Nucleotide excision repair (NER) is implemented in cases where bulky helix-distorting lesions occur, such as those brought about by UV and certain chemicals. Research studies have shown that expression of ERCC1 is related to survival rate and response to chemotherapeutic drugs in several human cancers including non-small cell lung cancer (NSCLC).

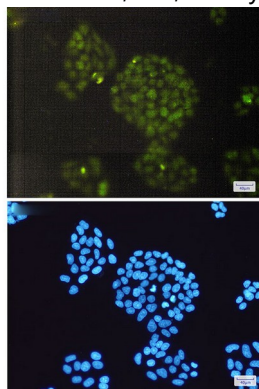
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of ERCC1 in K562, 3T3, HeLa lysates using ERCC1 antibody.



Immunocytochemistry analysis of ERCC1(green) in HeLa using ERCC1 antibody, and DAPI(blue)

Note

For research use only.