

## ERCC1 RABBIT MAB

**Cat.#:** N262188

**Product Name:** Anti-ERCC1 Rabbit Monoclonal Antibody

**Synonyms:** ERCC1; DNA excision repair protein ERCC-1

**UNIPROT ID:** P07992

**Background:** 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).

**Immunogen:** A synthetic peptide of human ERCC1

**Applications:** WB, ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R08-7E3

**MW:** Calculated MW: 33 kDa; Observed MW: 39 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human, Mouse

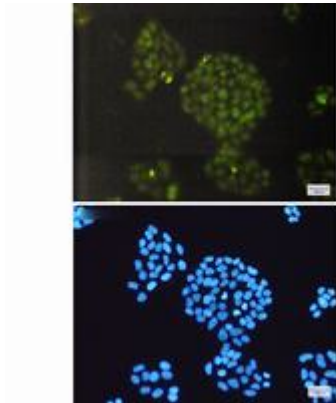
**Conjugation:** Unconjugated

**Modification:** Unmodified

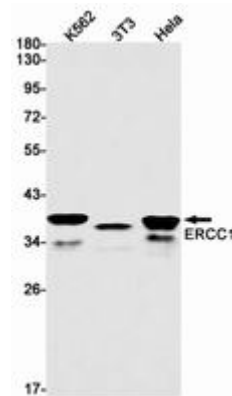
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Epigenetics and Nuclear Signaling

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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



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