Anti-ERCC1 [ERCC1 3H11]

Catalogue number: 151050
Sub-type: Primary antibody
Images:

Contributor

Inventor: Julian Gannon
Institute: Cancer Research UK, London Research Institute: Lincoln's Inn Fields
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-ERCC1 [ERCC1 3H11]

Alternate name: Cyclin-Dependent Kinase 1; Cell Division Cycle 2, G1 To S And G2 To M; Cell Division Control Protein 2 Homolog; Cell Division Protein Kinase 1; P34 Protein Kinase; P34CDC2; CDC28A; CDC2; Cell Cycle Controller CDC2; CDKN1

Class: Monoclonal
Conjugate: Unconjugated
Description: Nucleotide excision repair (NER) is a DNA repair pathway that removes lesions induced by a variety of agents such as UV irradiation. ERCC1 binds to XPF to form the heterodimer ERCC1-XPF, which is a DNA endonuclease that is essential for the dual incision step of NER (cleaves 5' of the DNA lesion). Some publications report that ERCC1 is elevated in cisplatin-resistant cells.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Full length HIS-tagged recombinant human ERCC1
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:

Recommended controls: A431 cells or HeLa
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: ERCC1

Target alternate names:

Target background: Nucleotide excision repair (NER) is a DNA repair pathway that removes lesions induced by a variety of agents such as UV irradiation. ERCC1 binds to XPF to form the heterodimer ERCC1-XPF, which is a DNA endonuclease that is essential for the dual incision step of NER (cleaves 5' of the DNA lesion). Some publications report that ERCC1 is elevated in cisplatin-resistant cells.

Molecular weight: 33-36

Ic50:

Applications

Application: IF ; IP ; WB
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Kobayashi et al. 1991. Cold Spring Harb Symp Quant Biol. 56:437-47. PMID: 1840257. ; Cyclins and their partners during Xenopus oocyte maturation.